THE

DUBLIN

University Calendar,

FOR THE YEAR

1921-1922.

TO WHICH ARE ADDED

THE ORDINARY PAPERS SET IN THE YEAR 1920-1921.

DUBLIN:

Printed at the University Press.

HODGES, FIGGIS, AND CO., 20, NASSAU STREET,

PUBLISHERS TO THE UNIVERSITY.

LONGMANS, GREEN, AND CO.,

LONDON, NEW YORK, AND BOMBAY.

1921.

THE

DUBLIN UNIVERSITY CALENDAR

FOR THE YEAR

1921–1922.

THE PRESENT MODE OF PUBLISHING THE UNIVERSITY CALENDAR.

In Trinity Term, 1920, the Board arranged that in future the Calendar should consist of the following parts, and be published at the following dates:—

The Dublin University Calendar, to be published during the Long Vacation, and to contain:—full information as to the Ordinary and Honor Courses in Arts and in the Professional Schools, the results of Ordinary and Honor Examinations held in Arts and in the Professional Schools, the Degrees conferred during the preceding year, the additions to date of the lists in the Special Supplemental Volume, the lists of the Students on the College Books, the Senate, the University Electors added during the preceding year, and the Undergraduate Ordinary Examination Papers.

A Special Supplemental Volume, to be published from time to time as the Editor of the Calendar may think fit, and to contain the lists of Past Prizemen and Exhibitioners in Arts, and in the Professional Schools, of Graduates in Honors, of Honorary Degrees, of Degrees in the Professional Schools, of Provosts, Fellows, Scholars, Professors, Chancellors, Vice-Chancellors, and Representatives in Parliament, and of the Benefactors of Trinity College, all to be made as complete as possible. [*This Volume was first published as Vol. II. in* 1901, *and was republished as Vol. III. in* 1906 *and in* 1913.]

The Supplement to the Calendar, to be published as soon as possible after the 1st of January in each year, and to contain the Papers set at the Honor Examinations in Arts, and at the Examinations in the Professional Schools.

THE DUBLIN

University Calendar,

FOR THE YEAR

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THE ORDINARY PAPERS SET IN THE YEAR 1920-1921.

168305
31/12/21

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1921.

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CONTENTS.

	Page
Days of Examination,	1*
Hours of Examination,	10*
Days of Commencements,	10*
Chapel, Services in,	11*
Almanac,	12*
Officers of the College and University,	27*
Members of School Committees,	45*
University Council,	47*
Divinity School Council,	48*
Literary, Scientific, and other Societies,	49*
Introduction:—	
Constitution of the University,	1
Government,	ib.
Teaching,	4
Conferring of Degrees,	ib.
Terms and Exercises required for the several Degrees,	6
Admission of Candidates to Degrees "in Absentia,"	16
Admission *ad eundem Gradum*,	ib.
Fees paid for Degrees,	17
Representation of the University in Parliament,	18
Trinity College:—	
Order of Rank in the College,	19
College Charges,	20
Residence, and duties of Resident Students,	24
Course in Arts:—	
Entrance,	29
Entrance Prizes,	31
Sizarships,	34
Undergraduate Course,	39
Junior Freshman Year,	48
Senior Freshman Year,	50
Junior Sophister Year,	52
Senior Sophister Year,	59
Honors and Prizes,	68
Catechetical Course,	72
Admission of Women to Degrees,	76
Resolution of the Senate,	ib.
Letters Patent,	ib.
Resolutions of the Board,	76
Special Regulations for Women Students	77
Trinity Hall,	78

Page

RECOGNITION OF OTHER UNIVERSITIES:—
Admission of Students from the Universities of Oxford and Cambridge, ... 79
Recognition of Courses kept in other Universities. . . 80
Arrangements with Magee College, Londonderry . . ib.
Recognition of Arts Studies of certain Colonial and Indian Universities and Colleges, ... 81
Terms of Admission for South African Students, . . . 82
Exhibition awarded to Graduates in Medicine of Melbourne University, ... 85
HONOR COURSES, ... 86–120
MODERATORSHIPS, ... 121–146
LECTURES:—
Lectures in the Courses in Arts, ... 147
Miscellaneous Lectures, ... 149
Public Lectures, ... 151
Donnellan Lectures, ... ib.
ELECTION TO FELLOWSHIPS AND SCHOLARSHIPS, ... 152
STUDENTSHIPS AND PRIZES AWARDED AT THE DEGREE AND FINAL FRESHMAN EXAMINATION, ... 162
SPECIAL PRIZES:—
Premiums at the Examination for Fellowships. . . 165
Prizes in Subjects connected with the study of Divinity, . 167
Prizes in Mathematics, ... 170
Prizes in Classics, ... 174
Prize in Mental and Moral Philosophy, ... 179
Prizes in Experimental Science, ... 180
Prizes in History and Political Science, ... 183
Prizes in English, ... 187
Prizes in Oriental Languages, ... 190
Prizes in Languages, ... 191
Miscellaneous Prizes, ... 194
EXHIBITIONS AND SPECIAL PRIZES AWARDED AT ENTRANCE:—
Junior Exhibitions and Senior Exhibitions, ... 195
Erasmus Smith Exhibitions, ... 199
Special Prizes, ... 202
Exhibitions awarded without examination, . . . 205
ASSISTANCE GIVEN WITHOUT EXAMINATION TO DESERVING STUDENTS:—
Assistance given by the Tutorial Body, ... 207
The Salmon Fund, ... ib.
The Frederick Purser Graduates' Fund, ... ib.
The Frederick Purser Undergraduates' Fund, . . . 208
Gold Medallists' War Fund 209
SUMMARY OF SCHOLARSHIPS, EXHIBITIONS, AND PRIZES, . . 210
PROFESSIONAL SCHOOLS:—
1. Divinity—
General Rules, ... 215
Admission to the Divinity School, ... 216
Junior Divinity Year, ... 217
Senior Divinity Year, ... 220
Additional Lectures, ... 223
Prizes, ... 226
Arrangements for 1921–22, ... 240

PROFESSIONAL SCHOOLS—*continued*:— Page

II. Law—
Regulations. 242
Law Premiums, ... 245
Degrees in Law, ... 246
Days of Examination, ... 251

III. Physic—
Staff, ... 252
Winter Session, ... 254
Summer Session, ... 257
Degrees. 258
Medical Course and Fees, ... 259
Higher Degrees, ... 268
Diploma in Gynaecology and Obstetrics, . . 270
Diploma in Public Health, ... 270
School of Dental Science. 271
Arts Course of Medical and Dental Students, . 278
Prizes, ... 281
Museums, ... 287
Herbarium and Botanic Gardens, ... 288
Sir Patrick Dun's Hospital, ... 289
Schools and Hospitals recognised by the Board of Trinity College, Dublin, ... 290
Recognition by the University of other Teaching Institutions, ... 291
Dates of Examinations, ... 292

IV. Engineering—
Staff, ... 295
Regulations, ... 296
License and Degrees, ... 299
Fees, ... 300
Syllabus of Course, ... 301
Laboratories and Museums, ... 307
Days of Examination, ... 309

V. Indian and Home Civil Service School:—
University Lectures for Selected Candidates for the Civil Service of India, ... 310
Classes for the Indian, Colonial, and Home Civil Service (Class I.), ... 311

VI. Army School, ... 313
Dublin University Contingent, Officers' Training Corps, 316

VII. School of Agriculture, ... 318

VIII. School of Forestry, ... 321

EXAMINATIONS FOR QUALIFICATIONS IN EDUCATION, . . . 322

DIPLOMA IN ECONOMICS AND COMMERCIAL KNOWLEDGE, . . 324

DIPLOMA FOR WOMEN IN RELIGIOUS KNOWLEDGE, . . . 329

UNIVERSITY APPOINTMENTS ASSOCIATION, ... 332

Page

LIBRARY OF TRINITY COLLEGE, ... 333
Lending Library, ... 338
Lecky Library, ... ib.

ASTRONOMICAL OBSERVATORY, ... 339

NORMAL CLIMATOLOGICAL STATION, ... 340

BUILDINGS OF TRINITY COLLEGE, ... 341

HONORS AND PRIZES AT ENTRANCE—
High Places at Entrance, ... 346
Entrance Prizes. . . . . ib.
Sizarship Examination, ... 347
Exhibitions awarded to Students from South Africa, . 348

HONOR AND PRIZE EXAMINATIONS, MICHAELMAS TERM, 1920—
Term Prize Examinations, ... 349
Premiums for Composition at the Term Lectures, . 353
Catechetical Premiums, ... 354

HONOR AND PRIZE EXAMINATIONS, HILARY TERM, 1921—
Term Honor Examinations, ... 355
Premiums for Composition at the Term Lectures, . 358
Catechetical Premiums, ... 359

HONOR AND PRIZE EXAMINATIONS, TRINITY TERM, 1921—
Term Honor Examinations, ... 360
Premiums for Composition at the Term Lectures, . 363
Catechetical Premiums, ... 363

MISCELLANEOUS PRIZES IN ARTS, ... 364

FINAL FRESHMAN EXAMINATIONS, ... 365

B.A. DEGREE EXAMINATIONS, ... 368

PRIZES AND EXAMINATIONS IN THE SCHOOL OF DIVINITY, . 372

EXAMINATIONS IN THE SCHOOL OF LAW, ... 375

EXAMINATIONS IN THE SCHOOL OF PHYSIC, ... 377

CLASS LISTS AND DEGREE EXAMINATIONS IN THE SCHOOL OF ENGINEERING, ... 393

SCHOOL OF AGRICULTURE, EDGE EXHIBITIONS 395

DIPLOMAS IN EDUCATION, ... 369

DIPLOMAS IN ECONOMICS AND COMMERCIAL KNOWLEDGE, . . ib.

DEGREES CONFERRED IN THE YEAR 1920–1921, . . . 397

CONTINUATION OF LISTS GIVEN IN THE SPECIAL SUPPLEMENTAL VOLUME FOR 1912–13:—
Auditors of the Historical Society, ... 405
Presidents of the Philosophical Society, . . . ib.
Auditors of the Theological Society, ... ib.
Successful Candidates at the Examination for the Civil Service of India, and the Home Civil Service (Class I), 406

Page

CONTINUATION OF LISTS GIVEN IN THE SPECIAL SUPPLEMENTAL VOLUME FOR 1912-13—*continued*:—

Junior and School Exhibitioners, ... 407
Senior Exhibitioners, ... 410
Prizemen at the Degree Examination, ... 412
Fellowship Prizemen, ... 415

Prizemen in—

Subjects connected with the Study of Divinity, . 415
Mathematics, ... 416
Classics, ... 417
Mental and Moral Philosophy, ... 420
Experimental Science, ... 421
History and Political Science, ... 421
English and Modern Languages, ... 422
General Answering, ... 423
Oriental Languages, ... 423
The School of Divinity, ... 424
The School of Law, ... 425
The School of Physic, ... 426
Special Certificates and Prizemen in the School of Engineering, ... 428
Graduates in Honors at the B.A. Degree Examination, . 431
Honorary Degrees, ... 443
Doctors in Science, ... 444
Bachelors in Science, ... 445
Doctors in Literature. 445
Divinity Testimoniums, ... 446
Degrees in Divinity, ... 448
Degrees in Law, ... 449
Degrees, Licenses, and Diplomas in Medicine and Surgery, ... 452
Degrees and Licenses in Dental Science, . . . 460
Degrees in Engineering, ... 461
Degrees in Agriculture, ... 462
Professors and Lecturers of the University, . . . 463
Benefactors of Trinity College, ... 467
Provosts, ... 469
Fellows, ... 469
Scholars, ... 470

PRESENT MEMBERS OF TRINITY COLLEGE, ... 473

STUDENTS IN MEDICINE NOT ON THE BOOKS IN ARTS, . 492

ENTRANCES, 1920–21, ... 494

BACHELORS IN ARTS, 1920-1921 498

SENATUS ACADEMICUS, ... 501

UNIVERSITY ELECTORS ADDED FROM APRIL 30 TO JUNE 30, 1921, 510

ORDINARY PAPERS SET IN THE YEAR 1920–1921, . . i-cxvi

INDEX, ... 515

REFERENCE TO THE PRINCIPAL CHANGES IN THE COURSES OF STUDY MADE IN THE YEAR 1920-21.

Page

Ordinary Courses:—Experimental Physics, Chemistry, Botany, Zoology, Geology, regarded as five different subjects of a group, ... 54–66

Catechetical Courses:—Junior and Senior Sophisters, . . 73–74

Honor Courses:—

Spanish, ... 114–117
Legal and Political Science, English Law (*b*), . . . 119

Courses for Moderatorships:—

Classics:—Comparative Philology, ... 122
Spanish, ... 139
Legal and Political Science:—Constitutional and Legal History, Law of Property and Equity, ... 141
Oriental Languages, ... 143

Scholarships in Classics:—Comparative Philology, . . . 157

Scholarships in Modern Languages:—Italian introduced, . . 158

Ferrar Memorial Prize, ... 176

Mullins Classical Exhibition, ... 177

Prize in Old French and Provençal, ... 192

Junior Exhibitions:—Marking altered, and Courses in Algebra and Geography, ... 197

Days of Examination.

Michaelmas Term, 1921.

B A. DEGREE EXAMINATION.

Friday and Saturday, December 16 and 17.

SUPPLEMENTAL FINAL FRESHMAN EXAMINATION.

Thursday and Friday, October 20 and 21.

TERM EXAMINATIONS.

These Examinations last two days, and commence as stated below.

Junior Sophisters, Monday, October 17.

Junior Freshmen, Wednesday, October 12.

ENTRANCE EXAMINATIONS.

Autumn Entrance, Monday and Tuesday, October 10 and 11.

Supplemental Entrance, Tuesday and Wednesday, November 1 and 2.

EXAMINATION FOR KIDD SCHOLARSHIP AND FOR JUNIOR AND SCHOOL EXHIBITIONS.

Wednesday, Thursday, Friday, Saturday, and Monday, October 12, 13, 14, 15, and 17.

CATECHETICAL EXAMINATIONS.

The Catechetical Examination of each class is held on the week-day following the Term Examination.

EXAMINATIONS FOR MODERATORSHIPS.

Examinations for Moderatorships last four days. A programme is published before the end of Trinity Term.

TERM PRIZE AND SPECIAL PRIZE EXAMINATIONS.

Students are required to give notice (see under "Notice") to the Senior Lecturer of their intention to compete at any of the following Term Prize or Special Prize Examinations, and a programme will be published before the end of the Term. They are requested to state also at the same time whether they intend to present themselves at a Term Examination.

Term Prize Examinations.

Junior Sophisters. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science, Celtic Languages.

Senior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Old and Middle Irish.

Junior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Old and Middle Irish.

Special Prize Examinations.

Lloyd Exhibition, Bishop Law's Mathematical Premiums, Vice-Chancellor's Latin Medals, Dunbar Ingram.

ENTRANCE PRIZE EXAMINATIONS.

Greek Prose, Monday, October 24.
Greek Verse, Tuesday, October 25.
Latin Prose, Wednesday, October 26.
Latin Verse, Thursday, October 27.
English Literature and Composition, Friday, October 28.
English History and Modern Geography, Monday, October 31.
French, Wednesday, October 19.
German, Tuesday, October 18.
Hebrew, Monday, October 17.
Experimental Science, Monday and Tuesday, October 24 and 25.
Natural Science, Thursday and Friday, October 20 and 21.
Modern Irish, Saturday, October 22.
Scripture, Saturday, October 29.

Hilary Term, 1922.

SUPPLEMENTAL B.A. DEGREE EXAMINATION.

Tuesday and Wednesday, January 10 and 11.

SUPPLEMENTAL FINAL FRESHMAN EXAMINATION.

Tuesday and Wednesday, January 17 and 18.

TERM EXAMINATIONS.

These Examinations last two days, and commence as stated below.
Senior Sophisters, Tuesday, January 10.
Junior Sophisters, Friday, January 13.
Senior Freshmen, Tuesday, January 17.
Junior Freshmen, Monday, January 23.

ENTRANCE EXAMINATION.

Friday and Saturday, January 20 and 21.

CATECHETICAL EXAMINATIONS.

The Catechetical Examination of each class is held on the week-day following the Term Examination.

TERM HONOR AND SPECIAL PRIZE EXAMINATIONS.

Students are required to give notice (see under "Notice") to the Senior Lecturer of their intention to compete at any of the following Term Honor or Special Prize Examinations, and a programme will be published before the end of the Term. They are requested to state also at the same time whether they intend to present themselves at a Term Examination.

Term Honor Examinations.

Senior Sophisters. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, Legal and Political Science.

Junior Sophisters. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science.

Senior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, History, English Literature, French, German, Italian, Spanish.

Junior Freshmen.—Mathematics, Classics, Experimental Science, History, English Literature, French, German, Italian, Spanish.

Special Prize Examinations.

Biblical Greek, M'Cullagh Prize, Berkeley Medals, Wray Prize.

Trinity Term, 1922.

EXAMINATIONS FOR SCHOLARSHIPS commence on Monday, May 1.

SUPPLEMENTAL B.A. DEGREE EXAMINATION.

Tuesday and Wednesday, April 18 and 19.

SPECIAL B.A. DEGREE EXAMINATION.

Thursday, Friday, and Saturday, June 29, 30, and July 1.

FINAL FRESHMAN EXAMINATION.

Saturday, Monday, and Tuesday, June 24, 26, and 27.

TERM EXAMINATIONS.

These Examinations last two days, and commence as stated below.

Senior Sophisters, Tuesday, April 18.
Junior Sophisters, Saturday, April 22.
Senior Freshmen, Wednesday, April 26.
Junior Freshmen, Tuesday, May 2.
Junior Freshmen Supplementing Hilary Examination, Wednesday, June 21.

CATECHETICAL EXAMINATIONS.

The Catechetical Examination of each class is held on the week-day following the Term Examination.

ENTRANCE EXAMINATIONS.

Supplemental Entrance, Saturday and Monday, April 29 and May 1.
Midsummer Entrance, Monday and Tuesday, June 19 and 20.

EXAMINATION FOR SIZARSHIPS.

Tuesday and Wednesday, June 27 and 28.

TERM HONOR AND SPECIAL PRIZE EXAMINATIONS.

Students are required to give notice (see under "Notice") to the Senior Lecturer of their intention to compete at any of the following Term Honor or Special Prize Examinations, and a programme will be published before the end of the Term. They are requested to state also at the same time whether they intend to compete for Scholarship or present themselves at a Term Examination.

Term Honor Examinations.

Senior Sophisters.—Mathematics, Classics, Experimental Science, Natural Science, Legal and Political Science.

Junior Sophisters. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science.

Term Honor Examinations—continued.

Senior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, History, English Literature, French, German, Italian, Spanish.

Junior Freshmen.—Mathematics, Classics, Experimental Science, History, English Literature, French, German, Italian, Spanish.

Special Prize Examinations.

Wall Biblical Scholarship, Ecclesiastical History, Ferrar Memorial, Political Economy, Old and Middle English, Hebrew, Chaldee, Syriac, Arabic, Persian, Hindustani, Sanskrit, Irish, Old French and Provençal, Dompierre-Chaufepié.

Michaelmas Term, 1922.

B.A. DEGREE EXAMINATION.

Friday, Saturday, and Monday, December 15, 16, and 18.

SUPPLEMENTAL FINAL FRESHMAN EXAMINATION.

Thursday and Friday, October 19 and 20.

TERM EXAMINATIONS.

These Examinations last two days, and commence as stated below.

Junior Sophisters, Monday, October 16.

Junior Freshmen, Thursday, October 12.

ENTRANCE EXAMINATIONS.

Autumn Entrance, Tuesday and Wednesday, October 10 and 11.

Supplemental Entrance, Friday and Saturday, November 3 and 4.

EXAMINATION FOR JUNIOR AND SCHOOL EXHIBITIONS.

Thursday, Friday, Saturday, Monday, and Tuesday, October 12, 13, 14, 16, and 17.

CATECHETICAL EXAMINATIONS.

The Catechetical Examination of each class is held on the week-day following the Term Examination.

MODERATORSHIP EXAMINATIONS.

Examinations for Moderatorships last four days. A programme is published before the end of Trinity Term.

TERM PRIZE AND SPECIAL PRIZE EXAMINATIONS.

Students are required to give notice (see under "Notice") to the Senior Lecturer of their intention to compete at any of the following Term Prize or Special Prize Examinations, and a programme will be published before the end of the Term. They are requested to state also at the same time whether they intend to present themselves at a Term Examination.

Term Prize Examinations.

Junior Sophisters. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science, Celtic Languages.

Senior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Spanish, Old and Middle Irish.

Junior Freshmen. — Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Spanish, Old and Middle Irish.

Special Prize Examinations.

Lloyd Exhibition, Bishop Law's Mathematical Premiums, Vice-Chancellor's Latin Medals, Dunbar Ingram.

ENTRANCE PRIZE EXAMINATIONS.

Greek Prose, Tuesday, October 24.
Greek Verse, Wednesday, October 25.
Latin Prose, Thursday, October 26.
Latin Verse, Friday, October 27.
English Literature and Composition, Saturday, October 28.
English History and Modern Geography, Tuesday, October 31.
French, Monday, October 23.
German, Wednesday, October 18.
Hebrew, Tuesday, October 17.
Experimental Science, Tuesday and Wednesday, October 24 and 25.
Natural Science, Friday and Saturday, October 20 and 21.
Modern Irish, Thursday, October 19.
Scripture, Monday, October 30.

Supplemental List of Special Prizes in Arts.

Alice Oldham Memorial Prize—Awarded biennially from 1910, to women students from Alexandra College, at the Junior Sophister Prize Examinations in Michaelmas Term. Next competition in 1922.

Biggs Memorial Prize—Awarded at the Examination for Junior and School Exhibitions to Students from Chesterfield School, Birr, or Galway Grammar School, or Portora Royal School, Enniskillen.

Blake Scholarships—Essays to be sent in on or before November 1st every fourth year. Next Competition, November 1, 1924.

Brooke Prizes—Awarded at the Moderatorship Examination in Classics and Mathematics.

Charles Wilkins Memorial Prize—Awarded to the woman who answers best in Mathematics at the Examination for Junior and School Exhibitions, and at a Special Examination on Thursday, October 20, 1921, and Thursday, October 19, 1922.

Cluff Memorial Prize—Awarded at Junior Sophister Prize Examination in Modern History, Michaelmas Term.

Dr. Henry Hutchinson Stewart Scholarship in English Literature—Awarded on the results of the Honor Examinations in English, French, and German Literature held in the Junior Sophister and Senior and Junior Freshman years.

Ekenhead Scholarship—Every third year. Next Examination, in 1923.

Elrington Theological Prize—The Essays to be given to the Provost or Regius Professor of Divinity on or before 1st November in each year.

Ferguson Memorial Prize—Awarded every third year. Next competition in 1922. Exercises to be sent to the Senior Lecturer not later than March 17.

Fitz Gerald Memorial Scholarship—Awarded annually on sufficient merit being shown by the candidate in his experimental work and in his answering in the Physical part of the examination for Moderatorships in Experimental Science.

Haslett Memorial Scholarship—Awarded at the Examination for Junior and School Exhibitions to students from St. Andrew's College, Dublin.

Jellett Prizes for General Answering—Awarded at Final Freshman Examination held at the end of Trinity Term.

SUPPLEMENTAL LIST OF SPECIAL PRIZES IN ARTS—*continued*.

Kidd Scholarship—Every fourth year. Next Examination in 1921. (See page 1*.)

King Edward Prize—Awarded annually to the Respondent who answers best in the whole Course required at the Degree Examination in December.

Littledale Prize—Awarded at the Michaelmas Senior Freshman Prize Examination in English Literature.

Madden Prize—Awarded at the Fellowship Examination.

Marshall Porter Memorial Prize—Awarded at the Examination for Scholarships in Classics.

Michael Roberts Prize—Awarded at the Senior Freshman Mathematical Prize Examination, Michaelmas Term.

Moderatorship Prizes—Awarded at the Degree Examination.

Mullins Classical Exhibition—Awarded on the results of the nine Honor Examinations in Classics in the Freshman and Junior Sophister years.

Townsend Memorial Prize—Awarded on the results of the Honor Examinations in Mathematics in the Junior Freshman year.

Tyrrell Memorial Prize—Compositions to be sent in before the 1st of February in each alternate year. Next Competition in 1922.

Vice-Chancellor's Prizes for Greek, Latin, and English Composition—The subjects for the Vice-Chancellor's Prizes are announced (by a notice posted on the gate) on or before June 1. The compositions, with fictitious signatures, must be sent in to the Senior Lecturer on or before December 1.

Whately Memorial Prize in Political Economy—Every fifth year. Next competition in 1922. Essays to be sent in on or before September 30.

William Roberts Prize—Awarded at Senior Freshman Prize Examination in Classics, Michaelmas Term.

For the dates of Examinations in the Schools of **Divinity**, **Law**, **Physic**, and **Engineering**, see ends of corresponding sections.

Degrees in Music.

Friday, February 24, 1922.
Friday, June 30, 1922.

[NOTE.—Practical Test on the preceding week-day.]

Examination for Diplomas in Education.

Friday and Saturday, October 21 and 22, 1921.
Friday and Saturday, April 21 and 22, 1922.
Friday and Saturday, October 27 and 28, 1922.

Examination for Diploma in Economics and Commercial Knowledge.

Tuesday, Wednesday, Thursday, and Friday, April 18, 19, 20, and 21, 1922.

Hours of Examination.

Examinations for Entrance, for Junior Exhibitions, for Sizarships, Ordinary Term Examinations (see "Course in Arts," § 15), Ordinary Catechetical Examinations, Term Honor Examinations, and Special Prize Examinations commence at 9.30 A.M.

Entrance Prize Examinations commence at 10 A.M.

For Moderatorship, Scholarship, and Fellowship Examinations, the hours are 9.30 A.M. to 12.30 P.M., and 2 P.M. to 5 P.M.

Honor and Prize Catechetical Examinations commence at 2 P.M.

Days of Public Commencements for the conferring of Degrees.

Michaelmas Term, 1921.

Tuesday, December 20, at 2 o'clock.

Hilary Term, 1922.

Tuesday, February 28, at 2 o'clock.

Trinity Term, 1922.

Friday, April 21, at 2 o'clock.
Tuesday, July 4, at 2 o'clock.

Michaelmas Term, 1922.

Wednesday, December 20, at 2 o'clock.

Chapel of Trinity College.

The hours of Divine Service in the Chapel of Trinity College are as follow:—

Morning Service: 10 o'clock on Sundays: and 8.30 o'clock on week-days.

Evening Service: 7 o'clock on Sundays; and 7.15 o'clock on week-days.

Holy Communion: after Morning Service on Sundays fixed by the Provost, on other Sundays at 8 a.m.

The Chapel is closed during vacations.

Surplices are worn on Sundays at Morning and Evening Prayer. Gowns are worn at other times.

Moveable Feasts, 1923.

Septuagesima, January 28—Ash Wednesday, February 14.
Easter Day, April 1—Rogation Sunday, May 6.
Ascension Day, May 10—Whit Sunday, May 20.
Advent Sunday, December 2.
Sundays after Epiphany, 3; Sundays after Trinity, 26.

Dublin University Almanac.

FROM OCTOBER 1, 1921, TO DECEMBER 31, 1922.

EXPLANATION OF ALMANAC.

THE Almanac gives the days on which the various Examinations *commence*.

There are no *Tutorial* Lectures in Arts on days marked thus (†) in the Almanac. There may, however, be *Professorial* Lectures in the Professional Schools.

1921, OCTOBER.

1	Sa	Entrance Ex. in Arts for Medical School.
2	S	*19th Sunday after Trinity.*
3	M	Winter Session Medical School begins. Dissecting-rooms open. Elementary Instruction in Anatomy begins. Preliminary Scientific Medical. Intermediate Medical, Part I. Intermediate Medical, Part II. Preliminary Scientific Dental. Intermediate Dental.
4	Tu	Special Preliminary Ex. in Arts for Medical School.
5	W	
6	Th	
7	F	
8	Sa	
9	S	*20th Sunday after Trinity.*
10	M	Michaelmas Term begins. **Autumn Entrance** **Exs. for Moderatorships begin.** **Term and Special Prize Exs. begin.** Constitutional Law Lectures begin. Final Medical, Part I. Diploma in Public Health, Part I. Medical Lectures begin. B.A.I. Degree. Engineering Supplemental Exs., Middle and Junior Classes.
11	Tu	Civil Law Lectures begin. Jurisprudence Lectures begin.
12	W	**Term Ex., Junior Freshmen.** **Kidd Scholarship and Junior and School Exhibitions.** Feudal and English Law Lectures begin. Engineering School, Supplemental Entrance. Diploma in Religious Knowledge for Women.
13	Th	Diploma in Public Health, Part II. Engineering Lectures begin.
14	F	Catechetical Ex., Junior Freshmen.
15	Sa	
16	S	*21st Sunday after Trinity.*
17	M	**Term Ex., Junior Sophisters.** Entrance Prizes:—Hebrew. Supplemental Divinity Ex., Junior Class.
18	Tu	*St. Luke.* Entrance Prizes:—German. Supplemental Divinity Ex., Senior Class.
19	W	Catechetical Ex., Junior Sophisters. Entrance Prizes:—French. Divinity School Entrance. Archbishop King's and Bishop Forster's Divinity Prizes.

1921, OCTOBER—*continued.*

20	Th	**Final Freshman Supplemental Ex.**
		Entrance Prizes:—Natural Science.
		Charles Wilkins Memorial Prize.
		Divinity Lectures, Junior Class, begin.
21	F	Divinity Lectures, Senior Class, begin.
		Ex. for Diplomas in Education.
22	Sa	Entrance Prizes:—Modern Irish.
23	S	*22nd Sunday after Trinity.*
24	M	Entrance Prizes:—Greek Prose and Experimental Science.
25	Tu	Entrance Prizes:—Greek Verse.
26	W	Entrance Prizes:—Latin Prose.
27	Th	Entrance Prizes:—Latin Verse.
28	F	*St. Simon and St. Jude.*
		Entrance Prizes:—English Literature.
29	Sa	Entrance Prizes:—Scripture.
30	S	*23rd Sunday after Trinity.*
31	M	Entrance Prizes:—English History and Modern Geography.

1921, NOVEMBER.

1	Tu	*All Saints.*
		Entrance.
2	W	
3	Th	**Undergraduate Lectures in Arts begin.**
4	F	
5	Sa	Catechetical Lectures begin.
6	S	*24th Sunday after Trinity.*
7	M	
8	Tu	
9	W	Meeting of the University Council.
10	Th	
11	F	
12	Sa	
13	S	*25th Sunday after Trinity.*
14	M	
15	Tu	Meeting of the Divinity School Council.
16	W	
17	Th	
18	F	
19	Sa	
20	S	*Sunday next before Advent.*
		Election of Annual Officers.
21	M	Annual Officers admitted.
22	Tu	
23	W	Term Ex. Feudal and English Law.
24	Th	
25	F	Term Ex. Civil Law.
26	Sa	Term Ex. Constitutional Law.
27	S	*1st Sunday in Advent.*

1921, NOVEMBER—*continued.*

28	M	Term Ex. Jurisprudence. Final Medical, Part II., Surgery. M.Ch. Degree Ex. Final Medical, Part II., Midwifery. M.A.O. Degree Ex. B. Dent. Sc. and M. Dent. Sc. Degrees Ex.
29	Tu	Intermediate Ex. in Law. LL.B. and LL.D. Degrees Ex.
30	W	*St. Andrew.*

1921, DECEMBER.

1	Th	Last day for giving notice of intention to compete at Honor and Prize Exs. in Hilary Term (see p. 3*).
2	F	
3	Sa	
4	S	*2nd Sunday in Advent.*
5	M	Final Medical, Part II., Medicine.
6	Tu	B.D. Degree Ex.
7	W	
8	Th	
9	F	Engineering Lectures end.
10	Sa	Catechetical Lectures end.
11	S	*3rd Sunday in Advent. Ember Week.*
12	M	Divinity Lectures, Junior Class, end.
13	Tu	Divinity Lectures, Senior Class, end. Supplemental Divinity Ex., Junior Class.
14	W	Supplemental Divinity Ex., Senior Class. Meeting of the University Council.
15	Th	**Undergraduate Lectures in Arts end.**
16	F	**B.A. Degree Ex.**
17	Sa	
18	S	*4th Sunday in Advent.*
19	M	Catechetical Ex., Candidate Bachelors. Theses for M.D. Degree.
20	Tu	**Winter Commencements.** Michaelmas Term ends.
21	W	*St. Thomas.*
22	Th	
23	F	
24	Sa	
25	S	*Christmas Day.*
26	M	*St. Stephen.*
27	Tu	*St. John.*
28	W	*Innocents' Day.*
29	Th	
30	F	
31	S	

1922, JANUARY.

1	☽	*Sunday after Christmas. Circumcision.*
2	M	
3	Tu	
4	W	
5	Th	
6	F	*Epiphany.*
7	Sa	
8	☽	*1st Sunday after Epiphany.*
9	M	
10	Tu	Hilary Term begins.
		Term Ex. Senior Sophisters.
		Supplemental B.A. Degree Ex.
		Honor and Prize Exs. begin.
		Civil Law Lectures begin.
		Engineering Lectures begin.
11	W	Feudal and English Law Lectures begin.
		Diploma for Women in Religious Knowledge.
12	Th	Catechetical Ex. Senior Sophisters.
		Criminal Law Lectures begin.
13	F	**Term Ex. Junior Sophisters.**
		International Law Lectures begin.
14	Sa	
15	☽	*2nd Sunday after Epiphany.*
16	M	Catechetical Ex. Junior Sophisters.
17	Tu	**Term Ex. Senior Freshmen.**
		Supplemental Final Freshman Ex.
18	W	
19	Th	Catechetical Ex. Senior Freshmen.
		Meeting of the Divinity School Council.
20	F	**Entrance.**
		Divinity Lectures, Senior Class, begin.
21	Sa	Divinity School Entrance.
22	☽	*3rd Sunday after Epiphany.*
23	M	**Term Ex. Junior Freshmen.**
		Divinity Lectures, Junior Class, begin.
24	Tu	
25	W	*Conversion of St. Paul.*
		Catechetical Ex. Junior Freshmen.
26	Th	
27	F	
28	Sa	
29	☽	*4th Sunday after Epiphany.*
30	M	
31	Tu	

1922, FEBRUARY.

1	W	**Undergraduate Lectures in Arts begin.**
2	Th	*Purification of B. V. M.*
3	F	
4	Sa	Catechetical Lectures begin.
5	☧	*5th Sunday after Epiphany.*
6	M	
7	Tu	
8	W	
9	Th	
10	F	
11	Sa	
12	☧	*Septuagesima.*
13	M	
14	Tu	
15	W	Meeting of the University Council.
16	Th	Meeting of the Divinity School Council.
17	F	
18	Sa	
19	☧	*Sexagesima.*
20	M	
21	Tu	Carson Biblical, and Toplady Memorial Scripture Prizes.
22	W	Term Ex. International Law.
23	Th	Term Ex. Criminal Law. Practical Test for Mus.B. and Mus.D. Degrees.
24	F	*St. Matthias.* Term Ex. Civil Law. Mus.B. and Mus.D. Degree Exs.
25	Sa	Term Ex. Feudal and English Law.
26	☧	*Quinquagesima.*
27	M	Theses for M.D. Degree.
28	†Tu	*Shrove-Tuesday.* **Spring Commencements.**

1922, MARCH.

1	W	*Ash-Wednesday.*
2	Th	Last day for giving notice of intention to compete at Honor and Prize Exs. in Trinity Term (see p. 4*).
3	F	
4	Sa	
5	S	*1st Sunday in Lent. Quadragesima. Ember Week.*
6	M	Preliminary Scientific Medical (Botany and Zoology). Intermediate Medical, Part I. Final Medical, Part II., Medicine. Diploma in Public Health, Part I. Intermediate Dental.
7	Tu	B.D. Degree Ex. Theological Exhibitions.
8	W	Meeting of the University Council.
9	Th	Diploma in Public Health, Part II.
10	F	
11	Sa	Catechetical Lectures end. Medical School Winter Session ends. Meeting of the Senate for nomination to Honorary Degrees.
12	S	*2nd Sunday in Lent.*
13	M	Preliminary Scientific Medical (Physics and Chemistry). Intermediate Medical, Part II. Final Medical, Part I. Final Medical, Part II., Surgery. M.Ch. Degree Ex. Preliminary Scientific Dental (Physics and Chemistry). B. Dent. Sc. and M. Dent. Sc. Degree Exs.
14	Tu	Divinity Lectures, Senior Class, end.
15	W	Supplemental Divinity Ex., Senior Class.
16	Th	**Undergraduate Lectures in Arts end.** Divinity Lectures, Junior Class, end. Engineering Lectures end.
17	F	*St. Patrick.* Supplemental Divinity Ex., Junior Class.
18	Sa	Entrance Ex. in Arts for Medical School.
19	S	*3rd Sunday in Lent.*
20	M	Final Medical, Part II., Midwifery. M.A.O. Degree Ex.
21	Tu	Special Preliminary Ex. in Arts for Medical School.
22	W	
23	Th	
24	F	
25	Sa	*Annunciation B. V. M.* Hilary Term ends.
26	S	*4th Sunday in Lent.*
27	M	
28	Tu	
29	W	
30	Th	
31	F	

1922, APRIL.

1	Sa	
2	♓	*5th Sunday in Lent.*
3	M	
4	Tu	
5	W	
6	Th	
7	F	
8	Sa	
9	♓	*Sunday next before Easter.*
10	M	Medical School Summer Session begins.
11	Tu	
12	W	
13	Th	
14	F	
15	Sa	Trinity Term begins.
16	♓	*EASTER DAY.*
17	M	*Monday in Easter Week.*
18	Tu	*Tuesday in Easter Week.* **Term Ex. Senior Sophisters.** **Supplemental B.A. Degree Ex.** **Honor and Prize Exs. begin.** Civil Law Lectures begin. Ex. for Diplomas in Economics and Commercial Knowledge.
19	W	Divinity School Entrance. Feudal and English Law Lectures begin. Diploma for Women in Religious Knowledge.
20	Th	Catechetical Ex. Senior Sophisters. Divinity Lectures, Junior Class, begin. Law of Evidence Lectures begin. Theses for M.D. Degree.
21	F	**First Trinity Commencements.** Divinity Lectures, Senior Class, begin. Lectures in International Law begin. Examination for Diplomas in Education.
22	Sa	**Term Ex. Junior Sophisters.**
23	♓	*1st Sunday after Easter.*
24	M	
25	Tu	*St. Mark.* Catechetical Ex. Junior Sophisters. B.A.I. Degree Ex. Engineering Exs. Middle and Junior Classes.
26	W	**Term Ex. Senior Freshmen.**
27	Th	
28	F	Catechetical Ex. Senior Freshmen.
29	Sa	**Entrance.**
30	♓	*2nd Sunday after Easter.*

1922, MAY.

1	M	*St. Philip and St. Jacob.* **Exs. for Scholarships.** Engineering Lectures begin.
2	Tu	**Term Ex. Junior Freshmen.**
3	W	
4	Th	Catechetical Ex. Junior Freshmen.
5	F	
6	Sa	
7	S	*3rd Sunday after Easter.*
8	M	**Undergraduate Lectures in Arts begin**
9	Tu	
10	W	Catechetical Lectures begin. Downes' Prizes for Written Essays. Meeting of the University Council.
11	Th	
12	F	
13	Sa	
14	S	*4th Sunday after Easter.*
15	M	
16	Tu	
17	W	Downes' Prizes for Extempore Speaking.
18	Th	Meeting of the Divinity School Council.
19	F	
20	Sa	
21	S	*5th Sunday after Easter.—Rogation Sunday.*
22	M	
23	Tu	
24	W	Downes' Prizes for Reading the Liturgy (Written Ex.).
25	†Th	*Ascension Day.*
26	F	
27	Sa	
28	S	*Sunday after Ascension Day.*
29	M	
30	Tu	
31	W	Downes' Prizes for Reading the Liturgy (Viva-voce Ex.). Annual Ex. Feudal and English Law. Meeting of the University Council.

1922, JUNE.

1	Th	Annual Ex. Constitutional and Criminal Law.
2	F	Last day for giving notice of intention to compete at Honor and Prize Exs. in Michaelmas Term (see p. 6*). Annual Ex. Civil Law.
3	Sa	Annual Ex. International Law. Kyle Irish Prize.
4	S	WHIT SUNDAY. *Ember Week.*
5	†M	*Monday in Whitsun-Week.*

1922, JUNE—*continued.*

6	Tu	*Tuesday in Whitsun-Week.* B.D. Degree Ex. Intermediate Ex. in Law. LL.B. and LL.D. Degrees Exs. Final Medical, Part II., Surgery. M.Ch. Degree Ex. Final Medical, Part II., Midwifery. M.A.O. Degree Ex. Surgical Travelling Prize. B. Dent. Sc. and M. Dent. Sc. Degree Exs.
7	W	
8	Th	
9	F	
10	Sa	Catechetical Lectures end.
11	☧	*TRINITY SUNDAY. St. Barnabas.*
12	†M	**Election of Scholars.** Final Medical, Part II., Medicine.
13	Tu	Divinity Lectures, Senior Class, end. Engineering Lectures end. B.A.I. Degree Ex. (In part.)
14	W	Final Divinity Ex., Senior Class.
15	Th	Divinity Lectures, Junior Class, end. Bedell Irish Scholarship.
16	F	**Undergraduate Lectures in Arts end.** General Divinity Ex., Junior Class.
17	Sa	
18	☧	*1st Sunday after Trinity.*
19	M	**Midsummer Entrance.** Preliminary Scientific Medical. Intermediate Medical, Part I. Final Medical, Part I. Diploma in Public Health, Part I. [Zoology. Medical Scholarship, Physics, Chemistry, Botany, and Medical Scholarship, Anatomy and Institutes of Medicine. Preliminary Scientific Dental. Intermediate Dental.
20	Tu	
21	W	**Supplemental Hilary Ex., Junior Freshmen.**
22	Th	Diploma in Public Health, Part II. Meeting of the Divinity School Council.
23	F	
24	Sa	*St. John Baptist.* **Final Freshman Ex.** Medical School Summer Session ends.
25	☧	*2nd Sunday after Trinity.*
26	M	Intermediate Medical, Part II. Engineering Exs., Middle and Junior Classes.
27	Tu	**Sizarship.**
28	W	Catechetical Ex., Senior Freshmen. Engineering School Entrance.
29	Th	*St. Peter.* **Special B.A. Degree Ex.** Practical Test for Mus. B. and Mus. D. Degrees.
30	F	Mus. B. and Mus. D. Degree Exs.

1922, JULY.

1	Sa	
2	S	*3rd Sunday after Trinity.*
3	M	Catechetical Ex., Candidate Bachelors. Theses for M.D. Degree.
4	Tu	**Summer Commencements.**
5	W	
6	Th	
7	F	
8	Sa	Trinity Term ends.
9	S	*4th Sunday after Trinity.*
10	M	Library closed.
11	Tu	
12	W	
13	Th	
14	F	
15	Sa	
16	S	*5th Sunday after Trinity.*
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	Sa	
23	S	*6th Sunday after Trinity.*
24	M	Library re-opened.
25	Tu	*St. James.*
26	W	
27	Th	
28	F	
29	Sa	
30	S	*7th Sunday after Trinity.*
31	M	

1922, AUGUST.

1	Tu	
2	W	
3	Th	
4	F	
5	Sa	
6	S	*8th Sunday after Trinity.*
7	M	
8	Tu	
9	W	
10	Th	
11	F	
12	Sa	

1922, AUGUST—*continued.*		
13	S	*9th Sunday after Trinity.*
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	Sa	
20	S	*10th Sunday after Trinity.*
21	M	
22	Tu	
23	W	
24	Th	*St. Bartholomew.*
25	F	
26	Sa	
27	S	*11th Sunday after Trinity.*
28	M	
29	Tu	
30	W	
31	Th	
1922, SEPTEMBER.		
1	F	
2	Sa	
3	S	*12th Sunday after Trinity.*
4	M	
5	Tu	
6	W	
7	Th	
8	F	
9	Sa	
10	S	*13th Sunday after Trinity.*
11	M	
12	Tu	
13	W	
14	Th	
15	F	
16	Sa	
17	S	*14th Sunday after Trinity. Ember Week.*
18	M	
19	Tu	
20	W	
21	Th	*St. Matthew.*
22	F	
23	S	
24	S	*15th Sunday after Trinity.*
25	M	
26	Tu	
27	W	
28	Th	
29	F	*St. Michael and All Angels.*
30	Sa	

1922,		OCTOBER.
1	S	*16th Sunday after Trinity.*
2	M	Entrance Ex. in Arts for Medical School.
		Winter Session Medical School begins. Dissecting-rooms open. Elementary Instruction in Anatomy begins.
		Preliminary Scientific Medical.
		Intermediate Medical, Part I.
		Intermediate Medical, Part II.
		Preliminary Scientific Dental.
		Intermediate Dental.
3	Tu	
4	W	Special Preliminary Ex. in Arts for Medical School.
5	Th	
6	F	
7	S	
8	S	*17th Sunday after Trinity.*
9	M	Final Medical, Part I.
		Diploma in Public Health, Part I.
		Medical Lectures begin.
10	Tu	Michaelmas Term begins.
		Autumn Entrance.
		Exs. for Moderatorships begin.
		Term and Special Prize Exs. begin.
		Civil Law Lectures begin.
		B.A.I. Degree.
		Engineering Supplemental Exs., Middle and Junior Classes.
11	W	Feudal and English Law Lectures begin.
		Diploma for Women in Religious Knowledge.
12	Th	**Term Ex., Junior Freshmen.**
		Junior and School Exhibitions.
		Constitutional Law Lectures begin.
		Diploma in Public Health, Part II.
		Engineering School, Supplemental Entrance.
13	F	Jurisprudence Lectures begin.
		Engineering Lectures begin.
14	Sa	Catechetical Ex., Junior Freshmen.
15	S	*18th Sunday after Trinity.*
16	M	**Term Ex. Junior Sophisters.**
		Supplemental Divinity Ex., Junior Class.
17	Tu	Entrance Prizes:—Hebrew.
		Supplemental Divinity Ex., Senior Class.
18	W	*St. Luke.*
		Catechetical Ex., Junior Sophisters.
		Entrance Prizes:—German.
		Divinity School Entrance.
		Archbishop King's and Bishop Forster's Divinity Prizes.
19	Th	**Final Freshman Supplemental Ex.**
		Entrance Prizes:—Modern Irish.
		Charles Wilkins Memorial Prize.
		Divinity Lectures, Junior Class, begin.

1922, OCTOBER—*continued.*

20	F	Entrance Prizes:—Natural Science.
		Divinity Lectures, Senior Class, begin.
21	Sa	
22	S	*19th Sunday after Trinity.*
23	M	Entrance Prizes:—French.
24	Tu	Entrance Prizes:—Greek Prose and Experimental Science.
25	W	Entrance Prizes:—Greek Verse.
26	Th	Entrance Prizes:—Latin Prose.
27	F	Entrance Prizes:—Latin Verse.
		Ex. for Diplomas in Education.
28	Sa	*St. Simon and St. Jude.*
		Entrance Prizes:—English Literature.
29	S	*20th Sunday after Trinity.*
30	M	Entrance Prizes:—Scripture.
31	Tu	Entrance Prizes:—English History and Modern Geography.

1922, NOVEMBER.

1	W	*All Saints.*
2	Th	
3	F	**Entrance.**
4	Sa	
5	S	*21st Sunday after Trinity.*
6	M	**Undergraduate Lectures in Arts begin.**
7	Tu	
8	W	Catechetical Lectures begin.
		Meeting of the University Council.
9	Th	
10	F	
11	Sa	
12	S	*22nd Sunday after Trinity.*
13	M	
14	Tu	Meeting of the Divinity School Council.
15	W	
16	Th	
17	F	
18	Sa	
19	S	*23rd Sunday after Trinity.*
20	M	
21	Tu	
22	W	Term Ex. Feudal and English Law.
23	Th	Term Ex. Constitutional Law.
24	F	Term Ex. Civil Law.
25	Sa	

1922, NOVEMBER—*continued.*		
26	S	*Sunday next before Advent.*
27	M	Term Ex. Jurisprudence. Final Medical, Part II., Surgery. M.Ch. Degree Ex. Final Medical, Part II., Midwifery. M.A.O. Degree Ex. B. Dent. Sc. and M. Dent. Sc. Degrees Ex.
28	Tu	
29	W	
30	Th	*St. Andrew.* Last day for giving notice of intention to compete at Honor and Prize Exs. in Hilary Term (see p. 3*).
1922, DECEMBER.		
1	F	
2	Sa	
3	S	*1st Sunday in Advent.*
4	M	Final Medical, Part II., Medicine.
5	Tu	B.D. Degree Ex. Intermediate Ex. in Law. LL.B. and LL.D. Degrees Exs.
6	W	
7	Th	
8	F	
9	Sa	Catechetical Lectures end.
10	S	*2nd Sunday in Advent.*
11	M	Divinity Lectures, Junior Class, end.
12	Tu	Divinity Lectures, Senior Class, end. Supplemental Divinity Ex., Junior Class.
13	W	Supplemental Divinity Ex., Senior Class. Meeting of the University Council.
14	Th	**Undergraduate Lectures in Arts end.** Engineering Lectures end.
15	F	**B.A. Degree Ex.**
16	Sa	
17	S	*3rd Sunday in Advent. Ember Week.*
18	M	
19	Tu	Catechetical Ex., Candidate Bachelors. Theses for M.D. Degree.
20	W	**Winter Commencements.** Michaelmas Term ends.
21	Th	*St. Thomas.*
22	F	
23	Sa	
24	S	*4th Sunday in Advent.*
25	M	*Christmas Day.*
26	Tu	*St. Stephen.*
27	W	*St. John.*
28	Th	*Innocents' Day.*
29	F	
30	Sa	
31	S	

Officers

OF THE

University and College,

July 1, 1921.

Chancellor.

The Earl of Iveagh, K.P., LL.D.

Vice-Chancellor.

The Right Hon. Sir James Henry Mussen Campbell, Bart., LL.D.

Visitors.

The Chancellor (or in his absence the Vice-Chancellor).
The Lord Chief Justice.

Provost.

The Right Hon. and Most Rev. John Henry Bernard, D.D.

Senior Fellows.

Thomas Thompson Gray, M.A., *Vice-Provost.*
George Lambert Cathcart, M.A., *Auditor.*
Louis Claude Purser, M.A., Litt.D., *Bursar.*
William Ralph Westropp Roberts, D.D., *Senior Lecturer.*
Edward Parnall Culverwell, M.A., *Senior Dean and Catechist.*
Alexander Charles O'Sullivan, M.A., M.D.
Robert Russell, M.A., *Registrar.*

Junior Fellows.

[Those marked thus (*) are Tutor Fellows.]

Matthew Wyatt Joseph Fry, M.A., *Senior Proctor.*
Henry Stewart Macran, M.A.
Edward John Gwynn, M.A.
William Edward Thrift, M.A.
Josiah Gilbart Smyly, Litt.D.

George William Mooney, M.A.
*William Kennedy, M.A.
*Reginald Arthur Percy Rogers, M.A.
*William Alexander Goligher, M.A., Litt.D.
*John Fraser, M.A.
*Ernest Henry Alton, M.A.
*Robert Malcolm Gwynn, B.D.
George Randolph Webb, M.A., *Junior Bursar and Registrar of Chambers.*
*Sir Robert William Tate, M.A., K.B.E., *Junior Dean.*
*Harry Thrift, M.A.
*Hugh Canning, M.A.
*Arthur Aston Luce, D.D.
*Joseph Johnston, M.A.
*James Maxwell Henry, M.A.
Francis LaTouche Godfrey, M.A., *Junior Proctor.*
John Joly, Sc.D.
Charles Henry Rowe, M.A.
William Robert Fearon, Sc.D.

Representatives of the Junior Fellows on the Board.

William Edward Thrift, M.A.
William Alexander Goligher, Litt.D.

Representatives of the Professors on the Board.

Charles Francis Bastable, LL.D.
Henry Horatio Dixon, Sc.D.

Representatives of the University in Parliament.

	Elected
Sir Robert Henry Woods, M.Ch., ...	1918
William Morgan Jellett, B.A., ...	1919

Honor Examiners for the Year 1922.

In Mathematics.

The University Professor of Natural Philosophy.
C. H. Rowe, M.A. (Acting Professor of Mathematics).
J. Fraser, M.A.
G. R. Webb, M.A.

In Classics.

The Regius Professor of Greek.
The Professor of Latin.
W. A. Goligher, Litt.D.
E. H. Alton, M.A.
H. Canning, M.A.

In Mental and Moral Philosophy.

H. S. Macran, M.A.
R. A. P. Rogers, M.A.
F. La T. Godfrey, M.A.

In Experimental Science.

The University Professor of Chemistry.
Erasmus Smith's Professor of Natural and Experimental Philosophy.
Professor of Applied Chemistry.
H. Thrift, M.A.

In Natural Science.

The Professor of Zoology and Comparative Anatomy.
The University Professor of Botany.
The Professor of Geology and Mineralogy.

In History and Political Science.

The Lecky Professor of Modern History.
Erasmus Smith's Professor of Modern History.
The Professor of Political Economy.

In Modern Literature.

The Professor of English Literature.
The Professor of the Romance Languages.
The Professor of German.
Sir Robert W. Tate, M.A.

In Celtic Languages.

Professor of Irish.
Lecturer in Celtic Languages.

Honor Lecturers for the Year 1922–1923.

In Mathematics.

J. Fraser, M.A.
G. R. Webb, M.A.

In Classics.

W. A. Goligher, Litt.D.
E. H. Alton, M.A.
H. Canning, M.A.

In Mental and Moral Philosophy.

H. S. Macran, M.A.
R. A. P. Rogers, M.A.

In Legal and Political Science.

The Professor of Political Economy.
The Regius Professor of Feudal and English Law.
The Reid Professor of Law.

The Board nominates Special Courts of Examiners for Moderatorships and Scholarships, which will be constituted as follows for the year 1921, a Member of the Board presiding in each Court of Examiners for Moderatorships:—

Moderatorships, 1922.

Mathematics.—R. Russell, M.A. (*President*); R. Russell, M.A.; the University Professor of Natural Philosophy; C. H. Rowe, M.A. (Acting Professor of Mathematics); G. R. Webb, M.A.; J. Fraser, M.A.

Classics.—L. C. Purser, M.A., Litt.D. (*President*): the Regius Professor of Greek; the Professors of Latin, of Ancient History and Classical Archæology, and of Sanskrit and Comparative Philology; W. Kennedy, M.A.; E. H. Alton, M.A.

Mental and Moral Philosophy—A. C. O'Sullivan, M.D. (*President*); the Professor of Moral Philosophy; H. Canning, M.A.; A. A. Luce, D.D.; F. La T. Godfrey, M.A.

Experimental Science.—G. L. Cathcart, M.A. (*President*): the University Professor of Chemistry; Erasmus Smith's Professor of Natural and Experimental Philosophy; the Professor of Applied Chemistry; H. Thrift, M.A.

Natural Science.—E. P. Culverwell, M.A. (*President*); the Professors of Comparative Anatomy and Zoology, and of Geology and Mineralogy: the University Professor of Botany; the University Professor of Anatomy and Chirurgery; the King's Professor of the Institutes of Medicine; the Professor of Bacteriology and Preventive Medicine; A. C. O'Sullivan, M.D.

History and Political Science.—The Vice-Provost (*President*); the Professor of Political Economy: the Professor of Ancient History and Classical Archæology; the Lecky Professor of Modern History; Erasmus Smith's Professor of Modern History; J. Johnston, M.A.

Modern Literature.—W. R. W. Roberts, D.D. (*President*); the Professors of English Literature, of the Romance Languages, and of German; E. J. Gwynn, M.A.; Sir Robert W. Tate, M.A.

Legal and Political Science.—The Provost, D.D. (*President*); the Regius Professor of Laws: the Regius Professor of Feudal and English Law; the Reid Professor of Law; W. A. Goligher, Litt.D.

Scholarships, 1922.

Classics.—The Regius Professor of Greek, the Professors of Latin and of Ancient History and Classical Archæology: W. Kennedy, M.A.; E. H. Alton, M.A.; H. Canning, M.A.; A. A. Luce, D.D.; J. Johnston, M.A.

Mathematics.—The University Professor of Natural Philosophy; C. H. Rowe, M.A. (Acting Professor of Mathematics); J. Fraser, M.A.; J. M. Henry, M.A.

Experimental Science.—The University Professor of Chemistry; Erasmus Smith's Professor of Natural and Experimental Philosophy; the Professor of Applied Chemistry; H. Thrift, M.A.

Modern Languages.—The Professors of the Romance Languages, and of German: E. J. Gwynn, M.A.; Sir Robert W. Tate, M.A.

History.—C. F. Bastable, LL.D.; W. Alison Phillips, M.A.; E. Curtis, M.A.

Natural Science.—Professor of Zoology; J. Joly, Sc.D.; H. H. Dixon, Sc.D.

Philosophy.—H. S. Macran, M.A.; R. A. P. Rogers, M.A.; A. A. Luce, D.D.; F. La T. Godfrey, M.A.

PROFESSORS AND LECTURERS

Arranged under subjects and schools.

[Figures added in brackets after the title or name of any officer denote the period in years for which the election is made. Officers marked (*) are elected annually.]

The following Offices become vacant at the dates respectively affixed to them:—

Professorship of Education,	
Regius Professor of Surgery,	1921, May 13.
Erasmus Smith's Professorship of Mathematics,	1922, June 18.
Professorship of Latin,	1922, Nov. 13.

Mathematical, Physical, and Natural Science.

First Election. — Last Election

Erasmus Smith's Professor of Mathematics.

[Founded 1762.]

[Vacant.]

Acting Professor for one year:

1921. June 18. — Charles Henry Rowe, M.A.

Donegal Lecturer in Mathematics.

[Founded 1675.]

1917. Nov. 10. — Reginald Arthur Percy Rogers, M.A.

University Professor of Natural Philosophy.

[Founded 1847.]

1910. June 30. — Matthew Wyatt Joseph Fry, M.A.

Assistant:—John Fraser, M.A.

Erasmus Smith's Professor of Natural and Experimental Philosophy.

[Founded 1724.]

1901. Mar. 23. — William Edward Thrift, M.A.

Assistants:—Harry Thrift, M.A.
John Hewitt Jellett Poole, Sc.D.

Royal Astronomer of Ireland, on the Foundation of Dr. Andrews.

[Founded 1783.]

[Vacant.]

Assistant:—Charles Martin.

First Election. | Last Election

University Professor of Chemistry. (7)

[Founded 1711.]

1903. Oct. 20. — Sydney Young, M.A., Sc.D. — **1917.**

Assistant: William Cecil Ramsden.
Demonstrator: James Bell, B.A.

Professor of Applied Chemistry.

[Founded in 1841 as a Professorship of Chemistry and Geology applied to the Arts of Construction: discontinued in 1881: re-established in 1904 as a Professorship of Applied Chemistry.]

1904. Nov. 19. — Emil Alphonse Werner, M.A., Sc.D.

University Professor of Botany. (7)

[Founded 1711.]

1904. April 16. — Henry Horatio Dixon, Sc.D. — **1918.**

Assistant:—Nigel Gresley Ball, M.A.

Professor of Geology and Mineralogy.

[Founded 1844.]

1897. Oct. 16. — John Joly, M.A., Sc.D.

Assistant: Louis Bouvier Smyth, Sc.B.
Research Assistant: John Hewitt Jellett Poole, Sc.D.

Professor of Zoology and Comparative Anatomy. (5)

[A Lectureship in Zoology was established in 1857, was made a Professorship in 1872, and was permanently united in 1895 to the Professorship of Comparative Anatomy, which had been founded in 1872.]

1921. June 23. — James Brontë Gatenby, B.A., D.Phil., (Oxon.), D.Sc. (Lond.).

Lecturer in Palæontology.

[Founded 1913.]

1913. March 1. — Louis Bouvier Smyth, Sc.B., M.A.

Lecturer in Mathematics. (3)

[Founded 1918.]

1920. June 12. — Timothy Stanislaus Broderick, B.A.

First Election.		Last Election

Languages and Literature.

Regius Professor of Greek.

[Founded 1761.]

1915. Nov. 3.	Josiah Gilbart Smyly, Litt.D.	

Professor of Latin. (7)

[Founded 1870.]

1915. Nov. 13.	George William Mooney, M.A.	

Lecturer in Classical Composition.

[Founded 1896.]

1908. Nov. 7.	Sir Robert William Tate, M.A.	

Professor of Hebrew. (7)

[Founded by the Board of Erasmus Smith, 1724.]

1920. Feb. 21.	Robert Malcolm Gwynn, B.D.	

Lecturers in Hebrew.

*Newport John Davis White, D.D.	Nov. 20.
*William Kennedy, M.A.	Nov. 20.
*Ernest Henry Alton, M.A.	Nov. 20.

Professor of Arabic, Persian, and Hindustani. (7)

[Founded 1856.]

1905. Mar. 2.	Sir Lucas White King, LL.D.	1919.

Professor of Sanskrit and Comparative Philology. (5)

[Founded 1858.]

1914. Dec. 19.	Hugh Canning, M.A.	1919.

Professor of the Romance Languages.

[Founded 1778 as Professorship of Italian and Spanish.]

1909. Nov. 15.	Thomas Brown Rudmose-Brown, M.A.	

First Election.		Last Election.

Professor of German.

[Founded in 1778 as Professorship of French and German: the Chair of French is now merged in that of Romance Languages.]

1915. June 12.	Gilbert Waterhouse, M.A., Litt.D.	

Professor of Irish. (5)

[Founded 1840.]

1919. July 1.	Thomas Francis O'Rahilly.	

Professor of Modern East Indian Languages. (5)

[Founded 1913.]

1913. June 18.	John van Someren Pope, M.A.	1918.

Lecturer in Celtic Languages.

[Founded 1907.]

1907. Nov. 14.	Edward John Gwynn, M.A.	

Lecturer in Anglo-Saxon. (5)

[Founded 1907.]

1915. June 12.	Gilbert Waterhouse, M.A., Litt.D.	1920.

Lecturer in Italian. (1)

[Founded 1916.]

1920. Jan. 17.	Sir Robert William Tate, M.A.	

Lecturer in Languages.

[Founded 1920.]

1920. Oct. 15.	Walter Fitzwilliam Starkie, M.A.	

Professor of English Literature.

[Founded 1867.]

1913. Nov. 22	Wilbraham Fitzjohn Trench, Litt.D.	

Erasmus Smith's Professor of Oratory.

[Founded 1724 as a Professorship of Oratory and Modern History; the Modern History was made a separate Chair in 1762.]

1914. Nov. 14.	Edmund Curtis, M.A.	

Mental and Moral Science.

Professor of Moral Philosophy. (5)

[Founded 1837.]

1919. July 1.	Henry Stewart Macran, M.A.	

First Election. | Last Election

History and Political Science.

Professor of Political Economy.

[Founded 1882.]

1882. Mar. 25. — Charles Francis Bastable, LL.D.

Erasmus Smith's Professor of Modern History.

[Founded 1762.]

1914. June 27. — Edmund Curtis, M.A.

Lecky Professor of Modern History.

[Founded 1913.]

1914. June 25. — Walter Alison Phillips, M.A.

Professor of Ancient History and Classical Archæology. (5)

[Founded 1869 as a Professorship of Ancient History. Title altered in 1909.]

1904. June 4. — William Alexander Goligher, M.A., Litt.D. — 1919.

Assistant :—Joseph Johnston, M.A. (1)

Lecturer in Modern History.

[Founded 1911.]

1911. June 24. — Constantia Elizabeth Maxwell, M.A.

Divinity.

Regius Professor of Divinity.

Founded 1607 (? 1600) as Professorship of Divinity ; made a Regius Professorship, 1761.

1917. Sept. 19. — Alan Hugh McNeile, D.D.

Assistants :

*Hugh Jackson Lawlor, D.D., Litt.D. — Nov. 20

*Arthur Aston Luce, D.D.

Archbishop King's Professor of Divinity.

[Founded as a Lectureship in 1718, changed to a Professorship by a Decree dated December 5, 1906.]

1916. Jan. 22. — Newport John Davis White, D.D.

Assistants:

*Hugh Jackson Lawlor, D.D. — Nov. 20.

*Denton Charles Green, B.D.

First Election.		Last Election.
	Professor of Biblical Greek. (5)	
	[Founded 1838.]	
1916. Feb. 19.	Robert Malcolm Gwynn, B.D.	1921.
	Professor of Ecclesiastical History. (5)	
	[Founded 1850.]	
1898. May 7.	Hugh Jackson Lawlor, D.D., Litt.D.	1918.
	Professor of Pastoral Theology. (5)	
	[Founded 1888.]	
1920. Oct. 23.	Thomas William Ernest Drury, M.A.	
	Lecturer in the English Bible. (5)	
	[Founded 1898.]	
1916. Jan. 29.	Hugh Jackson Lawlor, D.D., Litt.D.	1921.
	Wallace Divinity Lecturer.	
	[Founded 1901.]	
1902. Mar. 8.	John Andrew Jennings, M.A.	
	Donnellan Lecturer. (1)	
1921. May 14.	Viscount Haldane of Cloan, O.M.	

Catechists—Presbyterian Church.

1886.	John Love Morrow, M.A. (R.U.I.).	
1915. Oct. 16.	Robert Kennedy Hanna, B.A. (R.U.I.).	

LAW.

Regius Professor of Laws.

	[Founded 1668.]	
1908. Feb. 29.	Charles Francis Bastable, LL.D.	

First Election.		Last Election.

Regius Professor of Feudal and English Law. (5)

[Founded 1761.]

1909. Oct. 21.	James Sinclair Baxter, M.A., LL.D.	**1919.**

Reid Professor of Penal Legislation, Constitutional and Criminal Law, and the Law of Evidence. (5)

[Founded 1888.]

1921. Jan. 22.	Michael Joseph Ryan, LL.B. (N.U.I.).	

Lecturer in Civil Law and General Jurisprudence.

[Founded 1920.]

1920. Dec. 8.	James Sinclair Baxter, M.A., LL.D.	

MEDICINE.

Regius Professor of Physic.

[Founded 1637.]

1917. Feb. 10.	John Mallet Purser, M.D.	

Regius Professor of Surgery. (5)

[Founded 1852.]

1916. May 13.	Edward Henry Taylor, M.D.	

Professor of Surgery. (7)

[Founded 1849.]

1916. July 1.	Thomas Eagleson Gordon, M.B.	
	Assistant: William Pearson, M.D.	

University Professor of Anatomy and Chirurgery. (7)

[Founded 1711.]

1903. June 20.	Andrew Francis Dixon, M.B., Sc.D.	**1917.**

Professor of Bacteriology and Preventive Medicine. (7)

[Founded 1919.]

1919. Oct. 22.	Adrian Stokes, M.D.	

**Chief Demonstrator.*

1920. Oct. 23.	Cecil McLaren West, M.B.	Nov. 20.

First Election.		Last Election.
	**University Anatomist.*	
	[Founded 1716.]	
1916. May 13.	Edward Henry Taylor, M.D.	Nov. 20.
	**Lecturer in Medical Jurisprudence.*	
	[Founded 1888.]	
1888. April 7.	Henry Theodore Bewley, M.D.	Nov. 20.
	Lecturer in Pathology.	
	[Founded 1895.]	
1895. June 22.	Alexander Charles O'Sullivan, M.D.	
	Senior Assistant :—Joseph Theodore Wigham, M.D.	
	Junior Assistant :—Victor Millington Synge, M.B.	
	Lecturer in Applied Anatomy.	
	[Founded 1919.]	
1919. Oct. 15.	Adams Andrew McConnell, M.B.	
	King's Professor of Practice of Medicine.[a]	
	[Founded 1717.]	
1910.	James Craig, M.D.	
	King's Professor of Materia Medica and Pharmacy.[a]	
	[Founded 1749.]	
1921. Feb. 8.	Thomas Gillman Moorhead, M.D.	
	King's Professor of Institutes of Medicine.[a]	
	[Founded 1786.]	
1919 March 5.	Harold Pringle, M.D.	
	First Assistant :—William Robert Fearon, Sc.D.	
	King's Professor of Midwifery.[a]	
	[Founded 1827.]	
1911.	Thomas Henry Wilson, M.A.	
	**Lecturer in Dental Surgery and Dental Pathology.*	
	[Founded 1910.]	
1910. April 30.	Arthur Windowe Willert Baker, M.D., M.Dent.Sc.	Nov. 20.

[a] Appointed by the Royal College of Physicians of Ireland.

First Election.		Last Election
	**Lecturer in Dental Mechanics.*	
	[Founded 1910.]	
1910. April 30.	Joseph Cockburn.	Nov. 20.
	**Lecturer in Orthodontia.*	
	[Founded 1910.]	
1910. April 30.	Ernest Sheldon Friel, M.Dent.Sc.	Nov. 20
	**Lecturer in Anæsthetics.*	
	[Founded 1910.]	
1910. April 30.	Thomas Percy Claude Kirkpatrick, M.D.	Nov. 20
	Honorary Professor of Laryngology and Otology.	
	[Founded in 1916 for present holder only.]	
1916. June 17.	Sir Robert Henry Woods, M.Ch.	
	Honorary Professor of Dermatology.	
	[Founded in 1917 for present holder only.]	
1917. June 23.	Wallace Beatty, M.D.	

Engineering.

Professor of Civil Engineering. (5)

[Founded 1842.]

1921. June 23. David Clark, B.Sc. (Lond.).

Assistants:—Walter Elsworthy Lilly, M.A., M.A.I., Sc.D.
James Thomas Jackson, M.A.

Lecturer in the Practice of Electrical Engineering.

[Founded 1902.]

1902. Mar. 15. William Tatlow, M.A., B.A.I.

Lecturer in Electric Traction.

[Founded 1903.]

1912. April 20. George Marshall Harriss.

First Election. | Last Election.

Lecturer in Mechanical Engineering.

[Founded 1903.]

1903. May 23. — Walter Elsworthy Lilly, M.A., M.A.I., Sc.D.

Lecturer in the Engineering School. (1)

[Founded 1920.]

1920. June 5. — Joseph Rogerson Cotter, M.A.

Honorary Professor of Harbour Engineering.

[Founded in 1920 for present holder only.]

1920. May 29. — Sir John Purser Griffith, M.A.I.

INDIAN CIVIL SERVICE.

Reader in Tamil, Telugu, Burmese, Hindi, Bengali, and Marāṭhī.

[Founded 1902.]

1910. Dec. 10. — John van Someren Pope, M.A.

Reader in Indian History.

[Founded 1902.]

1905. — Sir Lucas White King, LL.D.

MUSIC.

Professor of Music. (5)

[Founded 1764.]

1920. Nov. 13. — Charles Herbert Kitson, M.A. (Cantab.), Mus.D. (Oxon.).

EDUCATION.

Professor of Education. (5)

[Founded 1905.]

[Vacant.]

Lecturer in Education. (1)

[Founded 1916.]

1916. Oct. 14. — James Maxwell Henry, M.A.

Public Orator.

[Founded 1879.]

1914. May 16. — Sir Robert William Tate, M.A.

First Election.		Last Election.

Librarian. (10)

1914. Jan. 24. — Josiah Gilbart Smyly, Litt.D.

Senior Assistant Librarian—Alfred Charles De Burgh, M.A.
Junior Assistant Librarian—Samuel Edward Brambell.
Third Assistant—William John Butler, M.A.
Fourth Assistant.—Francis Stevenson Marsh, M.A., LL.B.
Clerks { Joseph Hanna (*Lending Library and Lecky Library*).
Edward Archibald Phelps.

**Auditor.*

1917. Nov. 20. — George Lambert Cathcart, M.A. — Nov. 20.

External Auditor.

1903. Oct. 17. — Frank Leet, LL.D.

**Registrar of the Senate.*

1920. Nov. 20. — Robert Russell, M.A.

Lecture Committee.

The Senior Lecturer.
H. Canning, M.A.
H. Thrift, M.A.
T. B. Rudmose-Brown, M.A.
E. A. Werner, Sc.D.
The Secretary of the Divinity School Council.
The Registrars of the Schools of Law, Medicine, Engineering, and of the Indian and Home Civil Service.
F. La T. Godfrey, M.A., *Secretary.*

**Registrar of the Law School.*

1917. Nov. 3. — William Alexander Goligher, Litt.D. — Nov. 20.

**Registrar of the School of Physic.*

1919. Oct. 11. — Alexander Charles O'Sullivan, M.D. — Nov. 20.

Assistant Registrar.

1913. May 24. — George Leverstone Allen.

**Medical School Committee.*

Henry T. Bewley, M.D.
James Craig, M.D.
Henry Horatio Dixon, Sc.D.
Thomas E. Gordon, M.B.
Alexander C. O'Sullivan, M.D.
Harold Pringle, M.D.
Sydney Young, Sc.D.

And the Representative of the University of Dublin on the General Medical Council (*ex-officio*).

First Election.		Last Election.

**Registrar of the Engineering School.*

1901. Mar. 16.	William Edward Thrift, M.A.	Nov. 20.

**Registrar of the School of Music.*

1919. Nov. 20.	Henry Stewart Macran, M.A.	Nov. 20.

** Registrar of the Indian and Home Civil Service School.*

1907. Nov. 20.	Ernest Henry Alton, M.A.	Nov. 20.

**Registrar of the Army School.*

1920, Jan. 10.	Sir Robert William Tate, M.A.	Nov. 20.

Registrar of the School of Education.

1916. Oct. 14.	James Maxwell Henry, M.A.	Nov. 20.

**Registrar of the School of Agriculture.*

1914. Nov. 20.	John Joly, Sc.D.	Nov. 20.

Registrar of South African Students. (1)

1920. Mar. 22.	George Randolph Webb, M.A.	1920. Dec. 4.

Lady Registrar.

1918. June 22.	Olive Constance Purser, M.A.	

Warden of Trinity Hall.

1908. July 24.	Elizabeth Margaret Cunningham, M.A.	

Curator of the Museum.

[Vacant.]

Director of the Botanical Gardens and Park.

1906. Jan 20.	Henry Horatio Dixon, Sc.D.	

First Election. | Last Election.

Law Agent and Keeper of the Records.

1899. Nov. 11. — Frederick Digby Darley, M.A.

Assistant to the Registrar of University Electors.

1919. March 8. — James Hunter Shaw, M.A.

Accountant.

1885. Dec. 23. — Alfred Grahame Bailey.

Organist and Choir-Master.

1919. July 21. — John Purser Shortt, M.A.

Gentlemen of the Choir.

Thomas Frederick Marchant.
John Richard Morgan.
Charles Kelly.
Thomas Harris Watson.
James Edward Payne.
James Martin.
John Gill.

Chief Steward.

1893. Nov. 3. — Joseph Marshall.

Clerk of the Works.

1885. Oct. 31. — George Smith.

Booksellers.

Hodges, Figgis, and Co., 20 Nassau Street, Dublin.
Fred Hanna, 29 Nassau Street, Dublin.
Longmans, Green, and Co., London.

Members of School Committees.

Mathematics.—Erasmus Smith's Professor of Mathematics; the University Professor of Natural Philosophy; Erasmus Smith's Professor of Natural and Experimental Philosophy; the Astronomer Royal on the Foundation of Dr. Andrews; T. T. Gray, M.A.; W. R. W. Roberts, D.D.; E. P. Culverwell, M.A.; A. C. O'Sullivan, M.D.; R. A. P. Rogers, M.A.; J. Fraser, M.A.; G. R. Webb, M.A.; H. Thrift, M.A.; J. M. Henry, M.A.; Charles Henry Rowe, B.A. (Quorum 5.)

Classics.—The Regius Professor of Greek; the Professor of Latin; the Professor of Ancient History and Classical Archæology; the Professor of Sanskrit and Comparative Philology; T. T. Gray, M.A.; L. C. Purser, Litt.D.; A. C. O'Sullivan, M.D.; H. S. Macran, M.A.; E. J. Gwynn, M.A.; W. Kennedy, M.A.; E. H. Alton, M.A.; R. M. Gwynn, B.D.; Sir Robert W. Tate, M.A.; A. A. Luce, D.D.; J. Johnston, M.A.; J. M. Henry, M.A.; F. La T. Godfrey, B.A. (Quorum 5.)

Hebrew and Oriental Languages.—The Professor of Hebrew; the Lecturers in Hebrew; the Examiners in Hebrew, Chaldee, and Syriac; the Professor of Arabic, Persian, and Hindustani; the Professor of Sanskrit and Comparative Philology; T. T. Gray, M.A.; E. J. Gwynn, M.A.; A. A. Luce, D.D.; John van Someren Pope, M.A. (Quorum 4.)

Mental and Moral Science.—The Professor of Moral Philosophy; E. P. Culverwell, M.A.; A. C. O'Sullivan, M.D.; E. J. Gwynn, M.A.; W. E. Thrift, M.A.; G. W. Mooney, M.A.; W. Kennedy, M.A.; R. A. P. Rogers, M.A.; E. H. Alton, M.A.; R. M. Gwynn, B.D.; G. R. Webb, M.A.; Sir Robert W. Tate, M.A.; H. Canning, M.A.; A. A. Luce, D.D.; J. Johnston, B.A.; J. M. Henry, M.A.; F. La T. Godfrey, B.A. (Quorum 5.)

Experimental Science.—Erasmus Smith's Professor of Natural and Experimental Philosophy; the University Professor of Chemistry; the Professor of Applied Chemistry; W. R. W. Roberts, D.D.; E. P. Culverwell, M.A.; R. Russell, M.A.; M. W. J. Fry, M.A.; J. Fraser, M.A.; H. Thrift, M.A.; J. Joly, Sc.D.; W. R. Fearon, Sc.D. (Quorum 4.)

Natural Science.—Erasmus Smith's Professor of Natural and Experimental Philosophy; the Professor of Geology and Mineralogy; the University Professor of Anatomy and Chirurgery; the Professor of Zoology and Comparative Anatomy; the University Professor of Chemistry; the University Professor of Botany; the King's Professor of Institutes of Medicine; the Lecturer in Pathology. (Quorum 4.)

History and Political Science.—The Lecky Professor of Modern History; Erasmus Smith's Professor of Modern History; the Professor of Ancient History and Classical Archæology; the Professor of Political Economy; L. C. Purser, Litt.D.; the Lecturers for Moderatorships and

Honors in History and Political Science; the Examiners for Moderatorship in Honors in History and Political Science; Miss C. E. Maxwell, M.A. (Quorum 4.)

Modern Languages and Literature.—The Professor of English Literature; the Professor of the Romance Languages; the Professor of German; the Lecturer in Anglo-Saxon; the Professor of Sanskrit and Comparative Philology; the Lecturers for Moderatorship and Honors in Modern Languages and Literature; the Examiners for Moderatorship, Scholarship, and Honors in Modern Languages and Literature: E. J. Gwynn, M.A.; Sir Robert W. Tate, M.A. (Quorum 4.)

Legal and Political Science.—The Regius Professor of Laws; the Regius Professor of Feudal and English Law; the Professor of Civil Law and General Jurisprudence; the Professor of Political Economy; the Reid Professor of Penal Legislation, Constitutional and Criminal Law, and Law of Evidence; the Lecturers and Examiners for Moderatorship and Honors in Legal and Political Science. (Quorum 4.)

Celtic Languages.—The Professor of Irish; the Lecturer in Celtic Languages; the Professor of Sanskrit and Comparative Philology; Edmund Curtis, M.A. (Quorum 3.)

Law.—The Regius Professor of Laws; the Regius Professor of Feudal and English Law; the Professor of Civil Law and General Jurisprudence; the Reid Professor of Penal Legislation, Constitutional and Criminal Law, and Law of Evidence; the Registrar of the Law School. (Quorum 4.)

Physic.—The Regius Professor of Physic; the Regius Professor of Surgery; the Professor of Surgery; the University Professor of Anatomy and Chirurgery; the Professor of Comparative Anatomy; the University Professor of Botany; the Lecturer in Medical Jurisprudence; the University Professor of Chemistry; the Lecturer in Pathology; Erasmus Smith's Professor of Natural and Experimental Philosophy; the Four King's Professors; Professor of Bacteriology and Preventive Medicine; the Registrar of the School of Physic; Prof. Sir Robert H. Woods, M.Ch.; A. W. W. Baker, M.D.; Professor Wallace Beatty, M.D.; Prof. E. A Werner, Sc.D. (Quorum 7.)

Engineering.—The Professor of Civil Engineering; the Erasmus Smith's Professor of Natural and Experimental Philosophy; the Professor of Geology and Mineralogy; the University Professor of Chemistry; the Professor of Applied Chemistry; the Donegal Lecturer in Mathematics; the Assistant to the Professor of Natural Philosophy; the Lecturer in the practice of Electrical Engineering; the Lecturer in Electric Traction; the Lecturer in Mechanical Engineering; the Registrar of the Engineering School; J. T. Jackson, M.A.; H. Thrift, M.A. (Quorum 5.)

Indian and Home Civil Service.—The Readers and Lecturers for the Indian and Home Civil Service; the Registrar of the Indian and Home Civil Service School. (Quorum 5.)

Army.—The Lecturers of the Army School of the University; the Registrar of the Army School; the Commanding Officer and the Adjutant of the Officers' Training Corps. (Quorum 3.)

Music.—The Professor of Music; the Examiners in the School of Music; the Registrar of the School of Music. (Quorum 2.)

Education.—The Professor of Education; the Professor of Moral Philosophy; the Examiners in the School of Education; the Registrar of the School of Education. (Quorum 2.)

Agriculture.—The Professor of Zoology; the University Professor of Chemistry; the Professor of Applied Chemistry; the University Professor of Botany; Erasmus Smith's Professor of Natural and Experimental Philosophy; the Professor of Geology and Mineralogy; the Registrar of the School of Agriculture. (Quorum 5.)

Members of the University Council.

THE PROVOST.
THE SENIOR LECTURER
THE REGISTRAR.

(*Retire* 1924.)

Louis Claude Purser, Litt.D.
Ernest Henry Alton, M.A.

(*Retire* 1921.)

William Edward Thrift, M.A.
Matthew Wyatt Joseph Fry, M.A.
George Randolph Webb, M.A.
Walter Alison Phillips, M.A.
Gilbert Waterhouse, Litt.D.
Arthur Aston Luce, D.D.

(*Retire* 1922.)

James Sinclair Baxter, LL.D.
Andrew Francis Dixon, Sc.D.
Alexander Charles O'Sullivan, M.D.
John Joly, Sc.D. (*Secretary*).

(*Retire* 1923.)

Sir John William Moore, M.D.
Arthur Warren Samuels, LL.D.
Robert Macalister, LL.D.
Claude Blakeley Armstrong, M.A.

Ordinary Meetings of the Council are held on the first and fourth Wednesdays after the commencement of lectures in each term, but if in Hilary Term either of these days falls on Ash Wednesday, then the meetings are held on the second and fifth Wednesdays after lectures commenced. In Michaelmas Term the second meeting is held on the second Wednesday in December. In the years 1921, 1922 these Wednesdays will fall on:—Nov. 9, Dec. 14, 1921, and Feb. 15, March 8, May 10, May 31, Nov. 8, Dec. 13, 1922.

Members of the Divinity School Council.

(*a*) The Provost (*Chairman*).

(*b*) Five representatives of the Board:—

Louis Claude Purser, Litt.D.
William Ralph Westropp Roberts, D.D.
Matthew Wyatt Joseph Fry, M.A.
William Edward Thrift, M.A.
Ernest Henry Alton, M.A.

(*c*) Three Members of the Teaching Staff:—

The Regius Professor of Divinity.
Archbishop King's Professor of Divinity.
Hugh Jackson Lawlor, D.D.

(*d*) Three Representatives of the Bishops of the Church of Ireland:—

Archbishop of Armagh.
Archbishop of Dublin.
Bishop of Killaloe.

Meetings of the Council are held on the Thursday after the third Wednesday in January, February, May, and June, and on the Tuesday before the 20th of November, at 2.30 o'clock.

Literary, Scientific, and other Societies of Trinity College.

COLLEGE HISTORICAL SOCIETY.

FOUNDED 1770.

President—The Right Hon. Sir John Ross, Bart., LL.D., Lord Chancellor of Ireland.

OFFICERS AND COMMITTEES, SESSION 1921–1922.

Auditor—R. Brereton Barry.

Treasurer—H. E. M'Clenaghan.

Record Secretary—F. M. O'Connor.

Correspondence Secretary—P. G. Boyd.

Librarian—W. N. Craig-M'Feely.

General Committee.

B. St. J. Galvin, M.C., B.A.
G. G. Kenny, B.A. (*Ex-Rec. Sec.*).
W. R. A. Wright.
H. F. Molony.
M. Wilson.
N. S. Gaffney.

Library Committee.

J. Pim.
J. C. Shackleton.
F. W. Bond.
W. R. Aykroyd.

MEDALS—1920–1921.

Oratory—Gold, . R. Brereton Barry.
Silver, . G. G. Kenny, B.A.

History } [Not yet awarded.]
Composition }

There are connected with the Society a Reading and Writing Room, Library, and Billiard Room. Cap and Gown boxes are provided.

A number of newspapers, magazines, and reviews are taken in the Reading Room.

Gold and Silver Medals are annually given for Oratory, Composition, and History.

The Opening Meeting of the Session is held on the first Wednesday in November, and Debates take place in the New Debating Hall, Graduates' Memorial Building, every Wednesday evening during Term from November to June.

All Students of the University are eligible as Members of the Society.

Annual Subscription, £1 10*s*.

Members of the Society are Honorary Members of the Oxford and Cambridge Unions, Edinburgh Speculative Society, and Durham Union.

Further information can be obtained by applying to either of the Secretaries, at the Society's Rooms, Graduates' Memorial Building, Trinity College.

UNIVERSITY PHILOSOPHICAL SOCIETY.

FOUNDED 1853.

SESSION 1921–1922.

President.—D. L. Hemmingway, B.A.
Secretary.—H. S. North (Sch.).
Treasurer.—R. K. Dickie.
Librarian.—W. M'C. Stewart (Sch.).
Registrar.—E. W. M'Kegney, B.A.

Council.

G. S. B. Mack (Sch.) (*Ex-Pres.*).
R. M. Ferguson (Sch., Sen. Mod.) (*Ex-Sec.*).
J. L. Woods (*Ex-Treas.*).
M. C. Walker, B.A., B.L. (*Ex-Lib.*).
J. Bell (Sch., Sen. Mod.).
K. C. Bailey (Ex-Sch.).
F. Moore (Sch.).
A. E. C. Trimble.
W. A. Laidlaw.
A. E. North.

Associate Seats on Council.

W. R. Fearon, Sc.D., F.T.C.D.
L. J. D. Richardson (Ex-Sch., Sen. Mod.), M.A., Univ. Stud. (*Ex-Pres.*).

MEDALS.

SESSION 1920–1921.

Composition—President's Gold Medal, } [Not awarded yet.]
,, Society's Silver Medal, }
Oratory—Gold Medal, . F. Moore (Sch.).
,, Silver Medal, . J. L. Woods (*Ex-Treas.*).
Certificate of Merit, . . E. W. M'Kegney, B.A.

There are connected with the Society a Reading and Writing Room, Billiard Room, and Library. Boxes for Academicals are available for the use of Members.

The Reading and Writing Room is furnished with Stationery, and contains a series of the College Calendars and Examination Papers.

The leading newspapers, reviews, magazines, and other periodicals are taken by the Society.

The Opening Meeting will be held in November. Ordinary Meetings take place in the Debating Hall, every Thursday Evening during Term, from November till June, when Papers are read and discussed by Members.

A Gold and a Silver Medal are offered annually in Composition; a Gold and a Silver Medal in Oratory; a Gold and a Silver Medal in History and Literature; and a Silver Medal in Æsthetics.

Annual Subscription, ... £1 10*s.*

Further information can be obtained on application to the Honorary Secretary, at the Rooms of the Society, Trinity College.

COLLEGE THEOLOGICAL SOCIETY.

FOUNDED 1830.

SESSION 1921–1922.

President.

The Rev. the Regius Professor of Divinity.

Vice-Presidents.

Rev. Archbishop King's Professor of Divinity.
Rev. the Professor of Hebrew.
Rev. the Prof. of Pastoral Theology.
Rev. the Professor of Ecclesiastical History.
Rev. the Prof. of Biblical Greek.
Rev. the Wallace Divinity Lecturer.
Rev. the Warden of the Divinity School Hostel.
Rev. T. T. Gray, M.A., S.F.T.C.D.
Rev. W. R. W. Roberts, D.D., S.F.T.C.D.
Rev. D. C. Green, B.D.
Rev. E. J. Young, B.D.
Rev. A. A. Luce, D.D., F.T.C.D., M.C.

Auditor.—O. A. C. Irwin (Sch., Sen. Mod.), B.A.
Secretary.—J. H. Ruby (Mod.), B.A.
Treasurer.—L. W. Martin (Sch.).
Librarian.—E. L. Perdue, B.A.

Committee.

"*Ex-Officio*" *Members,* The President. The Vice-Presidents. The Officers of the Society. The Ex-Auditor, F. W. Synnott.

A. T. I. Ford (Sch.), B.A.
E. W. M'Kegney.
A. Pollitt, B.A.
J. S. Miller.

AWARDS.

SESSION 1919–1920.

Oratory.—O. A. C. Irwin (Sch., Sen. Mod.), B.A.
Composition.—O. A. C. Irwin (Sch., Sen. Mod.), B.A.
President's Prize Essay.—J. M'Cann, B.A.

SESSION 1920–1921

Oratory.—E. W. M'Kegney.
Composition.—Not yet awarded.
President's Prize Essay.—J. H. Ruby (Mod.), B.A.

Divinity Students and those who intend to enter the Divinity School are eligible as Members of the Society.

Annual Subscription, ... 7*s.* 6*d.*
Entrance Fee, ... 2*s.* 6*d.*

Silver Medals are annually given for Oratory and Written Composition. The President also gives a Prize for an Essay on a given subject. The Opening Meeting of the Session is held on the first or second Monday in November. Ordinary Meetings take place every Monday Evening during Divinity Term, at 8 o'clock, when Papers are read and discussed by members. The Society possesses a valuable Library of Theological books. Further information regarding the Society can be obtained on application to the Honorary Secretary, at Committee Room, Graduates' Memorial Buildings, Trinity College.

UNIVERSITY BIOLOGICAL ASSOCIATION.

(Founded 1873.)

Session, 1921–1922.

President—J. Speares, M.D., F.R.C.P.I.

Record Secretary—G. Bewley, B.A.

Corresponding Secretary—R. H. Micks (Sch., Sen. Mod.), B.A. (Univ. Stud.).

Treasurer—J. Wynne, B.A.

Assistant Treasurer—J. MacMahon.

Librarian—M. Bewley, B.A.

Council: above with—

W. B. Boxwell, M.D., F.R.C.P.I.
A. A. M'Connell, M.B., F.R.C.S.I.
G. P. Meldon, M.D., F.R.C.S.I.
Bethel Solomons, M.D., F.R.C.P.I.
T. O. Graham, M.D., F.R.C.S.I.
R. N. Perrott.
S. W. Russell.
J. M'Cormick.
V. O. M'Cormick, B.A.
W. Whaley.
J. Deale.
W. D. Speedy.
H. Tweedy.
J. Sheppard.

The object of the Association is the encouragement of Original Investigation in Biology, including Pathology, Therapeutics, and the allied Sciences.

All past and present Members of the University taking an interest in Science or Medicine are eligible for Membership.

Meetings, at which Papers are read, and objects of interest—Microscopic and otherwise—are exhibited, are held, two each month, from November to April. Tea at 8 p.m. Chair taken at 8.15 p.m.

A Silver Medal is awarded at the close of the Session for the most meritorious Paper read at any of the Ordinary Meetings of the Association. All Members shall be qualified to compete who, at the date of reading such Paper, shall not have taken their full qualifications in Medicine and Surgery.

Members desiring to read Papers, or to exhibit objects of interest, are requested to communicate with the Corresponding Secretary.

Members may introduce two Visitors at any Ordinary Meeting.

Annual Subscription, Five Shillings. No Entrance Fee.

A Reference Library and Reading Room has been started in the Graduates' Memorial Buildings for the convenience of Members. Keys can be obtained from the Librarian at a rental of 1*s.* 6*d.* per annum, on deposit of 1*s.*

UNIVERSITY EXPERIMENTAL SCIENCE ASSOCIATION.

FORTY-FIRST ANNUAL SESSION, 1921–1922.

Patron—The Provost.

President—H. H. Poole, M.A., Sc.D.

Vice-Presidents.

Thomas Alexander, M.A.I.
E. P. Culverwell, M.A., S.F.T.C.D.
J. Joly, Sc. D., F.R.S., F.T.C.D.
W. G. Smith, M.D.
E. A. Werner, Sc.D., F.C.S., F.I.C.
W. E. Thrift, M.A., F.T.C.D.
M. W. J. Fry, M.A., F.T.C.D.
H. H. Dixon, Sc.D., F.R.S.
Rev. W. R. W. Roberts, D.D., S.F.T.C.D.
J. R. Cotter, M.A.
Sydney Young, Sc.D., F.R.S.
Harry Thrift, M.A., F.T.C.D.
H. C. Plummer, M.A. (Oxon.).
W. R. G. Atkins, Sc.D.
J. T. Jackson, M.A., M.A.I.
L. B. Smyth, Sc.B.
W. Tatlow, M.A., B.A.I.
Mrs. Cecil Thompson, M.A.
W. R. Fearon, M.A., Sc.D., F.T.C.D.
Captain W. Ramsden.

Hon. Record Secretary—L. May Brooks (Sch.), 6, T.C.D.
Hon. Correspondence Secretary—P. K. Dixon (Sch.), 40, T.C.D.
Hon. Treasurer—R. K. Dickie, 2, T.C.D.
Hon. Librarian—K. C. Bailey, U.P.S.

Council.

"*Ex-officio*" *Members.*
A. Elizabeth Armstrong (Sch.), *Ex-Hon. Rec. Sec.*
W. Holmes (Sch.), *Ex-Hon. Corres. Sec.*
W. H. Thrift (Sch.), *Ex-Hon. Treas.*
J. V. Collins, *Ex-Hon. Lib.*

J. Bell (Sch).
Dorothy Thrift.
A. FitzGibbon (Sch.).
G. Purdy (Sch.).
C. E. Strong.
A. C. Williams (Sch.).

The object of the Association is the encouragement of investigation in all branches of Experimental Science.

General Meetings are held at intervals during Term, for reading Papers and exhibiting Experiments, in the Physical Laboratory, Trinity College, Dublin. The Chair is taken at 8 p.m., tea being provided by the Association at each Meeting. Members have the privilege of bringing one guest to each General Meeting.

This Association and the University Biological Association jointly possess an Electric Lantern and Projecting Microscope (obtained at a cost of about £150, which was defrayed by private subscription aided by a College Grant). Lantern Exhibitions, open to all Students of Trinity College, are held at short intervals during Term. They commence at 8 o'clock.

The Association possesses a Library in the Physical Laboratory, which includes works on Medicine and Engineering as well as on Experimental and Natural Sciences, and which may be borrowed on application to the Hon. Librarian. A number of Scientific and Medical Journals are subscribed to, and may be consulted in the Library. In conjunction with the University Biological Association, the Association also possesses a Reading Room in the Graduates' Memorial Building.

All Graduates as well as Undergraduates of the University are eligible for Membership. The Annual Subscription is 5*s*. No Entrance Fee. Prizes are offered annually for Papers given by Junior Members. Further information may be obtained on application to any of the officers.

DUBLIN UNIVERSITY ENGINEERING STUDENTS' SOCIETY.

President.

Thomas Alexander, M.A.I.

Vice-Presidents.

The Provost.

Francis Bergin, B.A., B.A.I.
John Fraser, M.A., F.T.C.D.
Sir John P. Griffith, M.A.I.
G. M. Harriss, M.Inst.E.E.
Arthur Hassard, B.A., M.A.I.
J. T. Jackson, M.A., M.A.I.
John Joly, Sc.D., F.R.S., F.T.C.D.
C. B. Jones, B.A., L.C.E.
W. Kaye-Parry, M.A., B.A.I.
W. E. Lilly, M.A.I., Sc.D.
R. A. P. Rogers, M.A., F.T.C.D.
William Tatlow, M.A., B.A.I.
W. E. Thrift, M.A., F.T.C.D.
E. F. C. Trench, M.A., B.A.I.
E. A. Werner, Sc.D., F.C.S.
Sydney Young, Sc.D., F.R.S.

Hon. Correspondence Secretary.

E. B. Coursey.

Hon. Record Secretary.

G. F. Waters.

Hon. Treasurer.

M. V. Neligan.

Committee.

J. H. Starkie. D. Praia.	Senior Class.
B. L. Hamilton. E. H. Powell.	Middle Class.
[Not yet elected.]	Junior Class.

The object of the Society is the discussion of subjects of Professional interest. Prizes are awarded annually in each Class.

Meetings are held once a fortnight in the Engineering School Buildings for the reading of Papers. Chair taken at 8 p.m.

All Students of the School of Engineering are eligible for Membership.

Further information can be had from any of the Officers of the Society.

UNIVERSITY OF DUBLIN CHORAL SOCIETY.

(Founded November, 1837.)

Patron.

His Majesty the King.

Vice-Patron.

The Earl of Iveagh, LL.D., K.P., Chancellor of the University.

President.

The Provost.

Vice-Presidents.

The Rt. Hon. William Drennan Andrews, LL.D.
The Rt. Hon. D. H. Madden, LL.D.
Sir Robert Woods, M.Ch., M.P.
J. R. Scott, B.A., D.L.
The Rt. Hon. Mr. Justice Samuels, LL.D.

Committee.—Season 1921–1922.

The Junior Dean of Trinity College (*Ex-officio*).
John L. Woods, *Hon. Sec.*
Rev. H. G. Forde, M.A., *Hon. Treas.*
W. S. Baxter, *Hon. Lib. and Reg.*
R. Grove-White, B.A., *Hon. Orch. Reg.*
T. Fred. Figgis, LL.D.
H. P. Mayne, B.A. (*Ex-Treas*).
John Lamb.

Auditors.

Robert Macalister, LL.D.
T. Henry Maxwell, LL.D.

Conductor.

George H. P. Hewson, B.A., Mus. Doc.

Season.—October, 1921, to June, 1922.

Members of the Band meet for Practice on Thursday, and Members of the Chorus on Friday, both at 4 o'clock. Evening Practices are also held during Term time.

Subscription:—Performing Member, . . .	£1 1 0	per annum.
Non-Performing Member, .	1 10 0	,,
Lady Associate, ...	0 15 0	,,
Orchestral Associate, . . .	0 15 0	,,
Non-performing Associate, .	0 10 0	,,

All persons who have entered the University of Dublin, of Oxford, or of Cambridge, are eligible for Membership.

Further information may be obtained from the Hon. Sec., Committee Rooms, No. 4, Trinity College, on Practice Days.

COLLEGE CLASSICAL SOCIETY.

FOUNDED 1906.

SESSION 1921–22.

Patron.

Right Hon. Dodgson Hamilton Madden, LL.D., LITT.D.

Vice-Patrons.

Rev. T. T. Gray, M.A., S.F.T.C.D.
Right Hon. Sir John Ross, Bart., LL.D.

President.

L. C. Purser, LITT.D., S.F.T.C.D.

Officers and Committee.

Auditor.—K. C. Bailey (Sch.).
Secretary.—W. Beare (Sch.).
Treasurer.—W. S. Baxter (Sch.).
Librarian.—A. W. Bayne (Sch.).

Council.

L. J. D. Richardson (Sch., Sen. Mod., Univ. Stud.), B.A.
R. M. Ferguson (Sch., Sen. Mod.), B.A., *Ex-Auditor.*
G. S. Kennedy Skipton (Sch., Sen. Mod.), B.A.
J. Tate (Sch.).
W. A. Laidlaw (Sch).
J. R. S. Ferguson (Sch.).
R. E. McGuire.

This Society has been established for the promotion of Classical study, and especially of original work. It possesses a considerable Lending Library for the use of Members, consisting of texts, the best-known editions, books of reference, and general works on the history and literature of Greece and Rome, and including almost all books prescribed in the Classical Course.

The Society holds a suite of rooms in No. 7, comfortably furnished as reading-rooms.

Meetings are held on each Friday evening in Lecture Term: at these meetings Essays are read, followed by a discussion of any original or interesting view that arises. Lantern evenings are also held at intervals. Prizes are offered for the best Essays read during the year, and for sets of compositions and translations.

The Annual Subscription is 5*s.* for Members of Freshman standing; 7*s.* 6*d.* for all other Members.

UNIVERSITY ELIZABETHAN SOCIETY.

FOUNDED 1905.

SESSION 1921–1922.

President.

Mrs. Madden.

Correspondence Secretary.

Gladys Moss.

Record Secretary.

Eileen Brunskill.

Treasurer.

Hazel Hornsby (Sch.).

Assistant Treasurer.

Muriel Russell.

House-Officer.	*Librarian.*
Muriel Clayton (Sch.).	Nora Dunn.

Committee.

"*Ex-Officio*"—Mona Gelston (*Ex-Assistant Treasurer*).
Frances Moran, B.A., LL.D.
Alice Downing.
Noëlle Ffrench (Sch.).
Molly Meade.
Dulcie Scholefield.

There are connected with the Society a Reading and Writing Room, a small Library, and a Lunch and Tea Room.

The Writing Room is furnished with Stationery, and the leading newspapers, reviews, magazines, and other periodicals are taken by the Society. The Library contains a selection of standard works.

Lunch and Tea may be obtained in the Lunch Room; and Members have the right of introducing Visitors.

All Women Students of the University are eligible as Members of the Society.

Further information can be obtained by applying to either of the Secretaries, at the Society's Rooms, 6, Trinity College.

TRINITY COLLEGE CHURCH MUSICAL ASSOCIATION.

1921–22.

Patron.

The Provost.

Vice-Patrons.

The Regius Professor of Divinity.
The Archbishop King's Professor of Divinity.

President.

The Rev. H. J. Lawlor, D.D., Litt.D.

Choirmaster.

Rev. J. P. Shortt, M.A.

Organist.

S. Mann.

Assistant Organist.

F. J. Mitchell.

Honorary Secretary.

R. K. Flewett.

Honorary Secretary for Women Students.

Dorothy E. Warwick.

Honorary Treasurer for Women Students.

Ivy V. Spielman.

Honorary Treasurer.

C. K. Kevin.

Honorary Librarian.

G. Mann.

Committee.

H. T. Cotter.	W. A. Packham.
Violet Hinchy.	E. L. Purdue.
Winnifred McFarlane.	J. H. Ruby.

The object of the Association is the encouragement of the study of Church Music amongst Students, and especially amongst Divinity Students, to enable them later to take an active interest in the Music of their Parish Churches.

The Choirmaster of the College gives instruction in part-singing to the members on two days in each week (*Friday, at 12 noon (men), and 1 p.m. (women), and on Tuesday, at 2.30 p.m.*) in Michaelmas and Hilary Terms. During these Terms, Evensong, on Tuesdays, at 3.45 p.m., is rendered chorally, the Members of the Association forming the Choir.

Individual instruction in intoning is also given during Trinity Term to as many Members as desire it.

Certificates are granted to Members of the Association who regularly attend the Services and Practices for three Terms, and pass a satisfactory Examination in Church Music in Trinity Term.

Annual Subscription, One Shilling.

NEOPHYTE DEBATING SOCIETY.

1921-22.

President.

J. M. Henry, M.A., F.T.C.D.

Vice-Presidents.

E. H. Alton, M.A., F.T.C.D.
J. Johnston, M.A., F.T.C.D.
B. C. Waller (Sch., Sen. Mod.), B.A.
L. J. D. Richardson (Sch., Sen. Mod.), B.A., Univ. Stud.
H. M. O. White (Ex-Sch., Sen. Mod.), B.A.
Rev. W. C. de Pauley, (Sen. Mod.), B.A.
T. C. Kingsmill Moore (Sch., Sen. Mod.), B.A.
W. H. B. Mack (Sch., Sen. Mod.), B.A.
J. C. Donaldson (Sch., Sen. Mod.), B.A.
J. V. Bateman (Sen. Mod.), B.A.
B. St. J. Galvin (Sch.), B.A.

Hon. Secretary.

R. K. Dickie.

Committee.

W. M'C. Stewart (Sch.), *Ex-Sec.*
F. M. O'Connor.
H. E. M'Clenaghan.
J. G. Shackleton.
R. G. H. Carter.
G. R. M'Dowell.

MEDALS.

Silver Medal in Oratory (1920-21)—H. E. M'Clenaghan.

The Society was founded to afford Freshmen practice in speaking, and so act as a sort of training-ground for the Senior Debating Societies.

Meetings are held in No. 22 on Mondays during Michaelmas and Hilary Terms. The Chair is taken at 8 p.m.

Students below Senior Sophister standing are eligible for Membership, and become Members on payment of the Subscription (2*s.* 6*d.*) to the Hon. Secretary.

A Silver Medal is awarded annually in Oratory.

DUBLIN UNIVERSITY STUDENT CHRISTIAN MOVEMENT.

1921–1922.

MEN'S UNION (founded 1889).

President.
Rev. R. K. Hanna, B.A.

Vice-Presidents.
E. P. Culverwell, M.A., S.F.T.C.D.
R. Russell, M.A., S.F.T.C.D.
Professor W. E. Thrift, M.A., F.T.C.D.
W. Kennedy, M.A., F.T.C.D.
J. M. Henry, M.A., F.T.C.D.
Professor H. T. Bewley, M.D.
Rev. A. H. M'Neile, D.D.
Professor H. W. Mackintosh, M.A.
Professor S. Young, Sc.D.
Professor W. F. Trench, Litt.D.
Rev. T. Tatlow, M.A.
J. T. Wigham, M.D.

Chairman.
K. C. Bailey (Sch.).

Hon. Secretary.
J. K. S. Thompson, B.A.

Hon. Treasurer.
O. W. Gilmour.

Executive Committee.
Officers, with :—J. Bell (Sch., Sen. Mod.), B.A., A. B. Lavelle (Sch.), A. C. Williams (Sch.), E. W. McKegney, J. Speedy, R. M. Young, N. R. M'Carthy.

WOMEN'S UNION (founded 1905).

President.
Noëlle Ffrench.

Hon. Secretary.
Gladys Moss.

Hall Secretary.
Joan Cooney.

Hon. Treasurer.
Kathleen Watson.

Librarian.
Ena Price.

House Officer.
Alice Gordon.

Committee:
Alice Brown (*Missionary Study Secretary*); Isabel Leslie (*Social Study Secretary*); Jessie Dalgity (*Bible Study Secretary*); Kathleen Purdy (*Prayer Secretary*); Gladys Lowry (*Medical Representative*).

The object of the Movement is to unite students in Christian fellowship, to promote prayer and Bible study, and to bring before its members the Christian solution of social problems and the need for the evangelisation of the world.

Meetings and study circles are held frequently during Term. Applications for membership will be gladly received by the Secretaries.

The two branches of the Movement in Trinity College form units in the World's Student Christian Federation, which binds together in one body Christian unions in Universities and Colleges all over the world.

THE

DUBLIN UNIVERSITY CALENDAR.

Introduction

UNIVERSITY OF DUBLIN, TRINITY COLLEGE.

§ I. THE UNIVERSITY OF DUBLIN was founded by Queen Elizabeth, A.D. 1591. On the third day of March in that year, a College was incorporated by Charter or Letters Patent, as "the Mother of an University,"[a] under the style and title of "The College of the Holy and Undivided Trinity, near Dublin, founded by Queen Elizabeth."[b]

Previous to the year 1873, the Provostship, Fellowships, and Foundation Scholarships of Trinity College could only be held by Members of the Church of Ireland. This restriction was sanctioned by Parliamentary enactments in the case of the Provostship and Fellowships (33 Geo. III. c. 21). With regard to the Foundation Scholarships, the limitation arose solely from certain provisions in the College Statutes. All these restrictions were removed by the Act 36 Vict. c. 21. The preamble to this Act recites that it is expedient "that the benefits of Trinity College, and the University of Dublin, and of the schools in the said University, as places of religion and learning, should be rendered freely accessible to the nation," and that all restrictions, tests, and disabilities should be removed.

§ II.—GOVERNMENT.—Subject to the control of Acts of Parliament and Royal Statutes, the government is in the hands of the Board, in conjunction with the Visitors, but in most matters relating to education, as specified in detail below, it acts conjointly with the Council, and in matters relating to the conferring of Degrees, the sanction of the Senate is required.

[a] "Unum Collegium mater Universitatis . . . pro educatione, institutione et instructione juvenum et studentium in artibus et facultatibus, perpetuis futuris temporibus duraturum, et quod erit et vocabitur Collegium Sanctæ et Individuæ Trinitatis, juxta Dublin, a serenissimâ Reginâ Elizabethâ fundatum."—*Charta Reg. Eliz. anno regni tricesimo quarto.*

[b] For an account of the various Charters and Royal Letters affecting Trinity College see "Statuta Collegii atque Universitatis Dubliniensis."

The BOARD consists of the Provost and seven Senior Fellows, and the Fellows, if any, other than Senior Fellows, who may be elected by the Board to the office of Bursar, Senior Lecturer, or Registrar, together with two representatives of the Junior Fellows, and two representatives of the Professors.

The VISITORS are the Chancellor of the University (or, in his absence, the Vice-Chancellor) and the Lord Chief Justice of Ireland.

The SENATE, or Public Congregation, of the University, consists of the Chancellor, or, in his absence, of the Vice-Chancellor, or Pro-Vice-Chancellor for the time being, and such Doctors or Masters of the University as keep their names on the books of the College in accordance with such regulations as the Board may enact. (See p. 23.)

The Caput of the Senate consists of the Chancellor, or Vice-Chancellor, or Pro-Vice-Chancellor, the Provost, or, in his absence, the Vice-Provost, and the Senior Master non-regent,[a] who is elected by the Senate.

The Senate is convened only by the Chancellor, or, in his absence, the Vice-Chancellor or Pro-Vice-Chancellor, each of whom, when presiding, has power to adjourn or dissolve its meetings, and has a casting vote. The Chancellor, or in his absence, the Vice-Chancellor or Pro-Vice-Chancellor, is bound to convene the Senate, on a requisition presented to him by the Board, and the Senate shall meet at such time, and for such purpose, as shall be stated in such requisition.

Whenever the office of Chancellor becomes vacant, the Board must, within one calendar month, propose to the Senate the names of three persons, from amongst whom the Senate must elect a Chancellor within one month from the day of such proposal. In computing these periods, the interval between the 1st of July and 1st of October shall not be taken into account, nor shall an election take place during such interval. If the Senate decline or omit to elect, the nomination of the Chancellor passes to the Crown. The Vice-Chancellor continues to hold his office during the vacancy of the office of Chancellor, and, during such vacancy, has power to convene the Senate for the purpose of electing a Chancellor, and has authority to exercise all the functions and duties of the Chancellor, until the election of the Chancellor.

The Vice-Chancellor, if unable to attend any of the meetings of the Senate, is empowered, by writing under his hand and seal, to appoint a Pro-Vice-Chancellor for that special occasion.

The Board has power to alter, amend, and repeal all laws, rules, or by-laws heretofore existing, and to make new rules and

[a] Each Master in Arts is called a regent during the three years following the time he took that Degree. The name originated from the duty formerly imposed on such Masters of regulating the disputations of the Schools.

laws, from time to time, for the more solemn conferring of Degrees by the Senate; provided always that no such new laws, or alteration of existing laws, shall be of force or binding upon the University, until they shall have received the sanction of the Senate lawfully assembled.

No law, rule, by-law, or grace whatsoever, for the conferring of Degrees, or any other purpose, can be proposed to the Senate, which has not been first proposed to and adopted by the Board. The Chancellor or Vice-Chancellor presiding is empowered to prohibit any such law or grace from being proposed to the Senate.

Gowns are worn at meetings of the Senate.

The COUNCIL consists of the following members:—The Provost, or, in his absence, the Vice-Provost; the Senior Lecturer; the Registrar; and sixteen members of the Senate, namely:—two elected by the Board; six elected by all of the Junior Fellows and those of the Professors and of the King's Professors appointed to lecture or examine in the Schools in Arts as hereinafter defined; one elected by those of the Junior Fellows and Professors appointed to lecture or examine in the School of Law; two elected by those of the Junior Fellows and Professors appointed to lecture or examine in the School of Physic; one elected by those of the Junior Fellows and Professors appointed to lecture or examine in the School of Engineering; four members elected by all the members of the Senate.

The Schools in Arts consist of the following Schools, viz.:—The School of Mathematics, the School of Classics, the School of Hebrew and Oriental Languages, the School of Mental and Moral Science, the School of Experimental Science, the School of Natural Science, the School of History and Political Science, the School of Modern Languages and Literature, the School of Legal and Political Science, the School of Celtic Languages, and such other Schools in Arts as may hereafter from time to time be established.

The Council nominates to all Professorships, except those the nomination to which is vested in some other body or persons by Act of Parliament, or by the directions of private founders, and except also the Professorships in the School of Divinity. Such nomination is subject to the approval of the Board. In the event of the Board refusing its approval to the nomination of the Council, the Chancellor decides whether the grounds for such refusal are sufficient. If they appear to him to be insufficient, he declares the person nominated by the Council to be duly elected. If not, the Council proceeds to a fresh nomination. If no election shall take place within the space of six calendar months from the date of the vacancy, or from the time of the creation of any new Professorship, the right of nomination and election for the purpose of

filling up such vacancy, or of appointing to such new Professorship, lapses to the Chancellor. No person, being at the time a member of the Council, shall be nominated by the Council to any Professorship.

Except so far as is otherwise provided by Act of Parliament, or by direction of private founders, any proposed new rules or regulations respecting studies, lectures, and examinations (other than those connected with the School of Divinity, with which the Council has no authority to interfere), and also any proposed new rules or regulations respecting the qualifications, duties, and tenure of office of any Professor in any Professorship now existing, or hereafter to be constituted, except the Professors and Professorships connected with the said School of Divinity, and any proposed alterations in any existing rules or regulations respecting such studies, lectures, and examinations, qualifications, duties, and tenure of office, save as aforesaid, require the approval both of the Board, and of the Council.

All such new rules and regulations and alterations in any rules or regulations may be originated either by the Board, or by the Council.

No new Professorship can be created or founded by the Board without the consent of the Council.

§ III. TEACHING.—The Examining Staff consists of the Provost, Fellows, and Professors.

The Lecturing Staff consists of the Junior Fellows and Professors.

The greater part of the teaching in the obligatory Courses in Arts is performed by the Junior Fellows. To Professors selected from among them is entrusted for the most part the instruction which is given in the highest departments of these Courses. Special Lecturers are selected to lecture Candidates for Honors.

From the early Statutes it would seem to have been originally intended that the Fellows should carry on the special instruction required by Students desirous of qualifying themselves for particular Professions. But the growing requirements of the Professional Schools, especially the Medical, prevented this design from being carried out, and the special instruction required for the Professional Schools of Divinity, Law, Medicine, Engineering, the Army, and Agriculture is now, for the most part, delivered by Professors elected to teach special subjects.

Outside the regular Courses in Arts, and the branches of study required in the Professional Schools, there are various departments of learning for the cultivation of which Professorships have been from time to time founded.

§ IV. DEGREES are publicly conferred by the Chancellor or Vice-Chancellor, in the Senate or Congregation of the University.

The Grace of the House for a Degree in any Faculty having

first been granted by the Board, must pass the Caput before it can be proposed to the rest of the Senate, and each member of the Caput has a negative voice. If no member of the Caput objects, the Proctor, in a prescribed form of words, *supplicates* the Congregation for their public Grace; and, having collected their suffrages, declares the assent or dissent of the House accordingly; if the *placets* be the majority, the Candidates for Degrees are *presented* to the Senate by the Regius Professor of the Faculty in which the Degree is to be taken; or, if it be a Degree in Arts, by one of the Proctors: they then advance in order before the Chancellor, who confers the Degree according to a formula fixed by the University Statutes,* and after which the Candidates then subscribe their names in the Register.

Public Commencements for the conferring of Degrees are held four times in each year on days published in the Almanac. A *Diploma* is sometimes given to those who are fully qualified for a Degree, but whose circumstances may render it inconvenient for them to wait for the public Comitia; but such persons can exercise none of the rights and privileges connected with their Degree until they have appeared at Commencements, and have had the Degree publicly conferred on them by the Chancellor or Vice-Chancellor. An exception to this rule may be made in favour of candidates when the circumstances which prevent their appearing in person are of a sufficiently grave or exceptional nature. (See page 16.)

A meeting of the Senate for the consideration of names proposed for Honorary Degrees is held at the end of Hilary Term, to which attention is called a week before by notice on the College gate.

The following Regulations with regard to the order to be observed in conferring Degrees at the Public Commencements have been sanctioned by the Vice-Chancellor:—

I. The Chancellor announces the opening of the Comitia. At the Winter Commencements the Senior Master non-regent is elected, on the proposition of the Chancellor and the Provost; and the two Proctors and the Registrar make the statutory affirmation.

II. The Senior Proctor supplicates for the Licenses in Medicine, in Surgery, and in Engineering. The Junior Proctor supplicates for the Degrees of Bachelors in Arts. The Senior Proctor supplicates for the other ordinary Degrees.

III. The Senior Lecturer introduces the Moderators to the Chancellor, who presents them with their Medals. The Senior Lecturer introduces the Respondents to the Chancellor, who presents them with their Certificates.

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* See the forms of presentation and supplication, and also the forms of suspension and absolution, in the University Statutes.—*Stat. Univ.* after cap. xi. The forms for conferring Degrees are given in cap. v.

IV. Licences in Medicine, in Surgery, and in Engineering are conferred.

V. Candidates for Honorary Degrees are presented to the Senate and admitted by the Chancellor.

VI. Candidates for Ordinary Degrees are presented and admitted. Candidates in Arts are presented by the Proctors: other Candidates by the Professors of their respective faculties. In presenting the Candidates the following order is observed:—

1. Bachelors in Music who are not Graduates in Arts.
2. Doctors in Music who are not Graduates in Arts.
3. Bachelors in Arts.
4. Bachelors in Agriculture.
5. Bachelors in Science.
6. Bachelors in Dental Science.
7. Bachelors in Music who are Graduates in Arts.
8. Bachelors in Engineering.
9. Bachelors in Obstetric Science.
10. Bachelors in Surgery.
11. Bachelors in Medicine.
12. Bachelors in Laws.
13. Masters in Dental Science.
14. Masters in Engineering.
15. Masters in Obstetric Science.
16. Masters in Surgery.
17. Masters in Arts.
18. Bachelors in Divinity.
19. Doctors in Music who are Graduates in Arts.
20. Doctors in Philosophy.
21. Doctors in Literature.
22. Doctors in Science.
23. Doctors in Medicine.
24. Doctors in Laws.
25. Doctors in Divinity.

No Grace for a Degree will be presented to the Senate unless the Candidate shall have communicated with the Proctor at least the day before the Commencements.

Terms and Exercises required for the several Degrees.

To take the Degree of *Bachelor in Arts*, the Student must keep the Terms required by the Rules of the College. He must pass two stated Examinations—one at the end of his second year, the other at the termination of the University Curriculum.

A Master in Arts must be a B.A. of three years' standing.

When the time at which a higher Degree can be taken is said to be reckoned from the taking of the Degree of Bachelor in Arts, or in any Faculty, the time may be reckoned from the date at which, according to the laws and statutes of the University, the Degree of Bachelor might have been taken. Thus a Candidate is of proper standing to take the Degree of M.A. three years after he has *passed* the Examination for the B.A. Degree. With this condition, the inferior and superior Degree may be taken on the same day.

In the case of a candidate for a higher Degree whose studies have been interrupted owing to his having served with H. M.

Forces, 1914-18, upon his completion of the required exercises, the date when these exercises might, in the opinion of the Board, have been completed, if he had proceeded regularly with his course, will be accepted as the date of his qualifying for the lower Degree.

The qualifications for the Degree of *Bachelor in Science* (Sc.B.) shall be research and advanced study in any important branch of Mathematical, Experimental, Natural, or Applied Science.

A Graduate of the University of Dublin, having obtained Moderatorship in Mathematics, Experimental Science, or Natural Science, may present himself for the Degree of Sc.B. one full year after graduation, provided he shall during that year have devoted himself to any important branch of Mathematics, Physics, Natural or Applied Science, both by advanced study and by research. The latter, when of an experimental or observational nature, must be carried on, as far as practicable, in the Laboratories of the College; or in Laboratories recognized by the Board and Council.*

A Graduate of any other approved University who possesses a Degree the equivalent of Moderatorship, having spent a full year in residence in the University of Dublin, and having during that time pursued one of the branches of Mathematics, Experimental, or Natural Science, by advanced study and research, as defined above, shall be eligible to present himself for the Degree of Sc.B.

A Graduate of the University of Dublin who has not obtained a Moderatorship, or a Graduate of any other approved University, may qualify himself for entry upon the course of study and research by presenting himself at the Moderatorship Examination which embraces the subject of his intended studies, and obtaining such marks thereat as would qualify for Moderatorship.

The Candidate will be required to submit, in writing, to the Registrar a statement of the course of study and research which he desires to pursue, that it may be laid before the Board for approval.

The proficiency of the Candidate in the branch of Science which he has selected shall, at the close of his year of study, be tested by Examination. The Examiners shall be selected by the Board, and may include one or more who are not members of the College staff.

The Candidate shall submit to the Registrar, not less than one fortnight before the date of the Examination, a Thesis (type-written or in print) giving an account of his research, and shall at the same time forward to the Bursar the sum of five pounds, and the Board shall submit this Thesis to Referees. The Referees and Examiners shall present a joint report to

* The Laboratories of the Royal College of Science, Dublin, are recognized under this scheme.

the Board upon the merits of the Candidate, not less than one week before the date of Conferring of Degrees. In the event of the Degree being granted, the above payment will be allowed as part payment of the Degree fee of ten pounds to the Senior Proctor.

The following Scale of Fees for Extern Students preparing for the Sc.B. Degree was approved by the Board:—

A. If the candidate proposes to present himself at the Moderatorship Examination in order to obtain the necessary qualification, he shall pay:—(*a*) £3 10*s*. for each Term prior to qualifying at that Examination during which he attends the College Laboratories; (*b*) £11 5*s*. prior to presenting himself at the Moderatorship Examination; (*c*) £2 2*s*. for each Term subsequent to his qualifying at the Moderatorship Examination during which he attends the Laboratories.

B. If the candidate does not present himself at the Moderatorship Examination, he shall pay £3 10*s*. for each Term during which he attends the College Laboratories.

Doctor in Philosophy.—A candidate for the Degree of Doctor in Philosophy (Ph.D.) must either (*a*) be a graduate of the University who has gained a Moderatorship, or has obtained the Degree of Sc.B., or has done such work in the Laboratories during his Undergraduate course as shall show his fitness to proceed with the exercises required for the degree; or (*b*) have obtained a degree in some other approved university such as will qualify him to enter on a course of advanced study or research.

The candidate, qualified as above, must pursue, under the supervision of the professors concerned, a whole-time course of research or advanced study in some branch of science, or letters, or philosophy selected by him, for a period of two academic years. Provided always that in lieu thereof an equivalent amount of work, spread over a longer period, may be accepted, and that in substitution for one of the two years the candidate may offer evidence of an equivalent amount of literary or research work done previously in an approved institution, or may elect, at the conclusion of his first year, and with the approval of the professors concerned, to pass his second year at some other seat of learning at home or abroad.

At the conclusion of his course the candidate must embody his results in a thesis, which must be approved by the professor or professors concerned as sufficiently showing the candidate's qualification for the degree, and which must be communicated by him to a meeting held within the College, open to all members of the University, and convened by the Provost. He may also be required to present himself for examination in branches of knowledge cognate to the special field of his researches.

The Examiners appointed to report on the merit of the work submitted shall have power to question the author upon his work, either viva voce or in writing.

The work must be printed and placed in the hands of the Registrar to be submitted to the Examiners at least two months before the date of the Commencements at which the candidate desires to obtain the Degree.

Doctorate in Science or Literature.—Any graduate applying to the Registrar to have the Private Grace of the Provost and Senior Fellows for the Degree of *Doctor in Science* or *Doctor in Literature* must as a preliminary step lodge with the Bursar the sum of ten pounds, to be paid to the Examiners who are to inquire into the scientific or literary claims of the applicant: in the event of the Degree being granted, this sum will be allowed in part payment to the Senior Proctor of the fee of twenty-five pounds for the Degree. The candidate must also, with the work he submits for the Degree, supply full information as to the authorities and materials which he has used, and must declare, in writing, that the work is his own and has not been submitted as an exercise for a Degree at any other University.

The Examiners appointed to report on the merit of the work submitted shall have power to question the author upon his work, either viva voce or in writing.

The work must be printed and placed in the hands of the Registrar that it may be submitted to the Examiners at least two months before the date of the Commencements at which the candidate desires to obtain the Degree.

A Doctor in Science must be a Bachelor in Arts of the University of Dublin of at least three years' standing. The primary test for the Doctorate shall be original published work in Science submitted by the candidate. It must contain such results as mark an advance in scientific knowledge; and in the case of experimental work must show the candidate's power of following up experimental evidence in the elucidation of phenomena, and that he possesses originality in planning experiments and ability in deducing conclusions therefrom.

A Doctor in Literature must be a Bachelor in Arts of the University of Dublin of at least three years' standing. The primary test for the Doctorate shall be published work submitted by the candidate, and forming an original contribution to the study of (*a*) Literature, Ancient or Modern; or (*b*) Philosophy; or (*c*) Æsthetics; or (*d*) History; or (*e*) Archæology. (Works dealing with other departments of study, such as Theology or Law, which possess a special doctorate, may not be submitted for the Litt.D.) The candidate's work must show evidence of independent inquiry, and must either contain some real addition to knowledge, or present a fresh interpretation of materials

already known. It must be of substantial importance, and should, as a rule, be concerned with a single subject. If separate papers or essays are submitted, they should exhibit some unity of aim.

Degrees in Divinity.—All exercises and examinations necessary to the attainment of Degrees in Divinity are under the control of a Court consisting of the Regius Professor of Divinity or his Deputy, Archbishop King's Professor of Divinity, the Professor of Biblical Greek, and the Professor of Ecclesiastical History.

All correspondence relative to Degrees in Divinity must be addressed to the Regius Professor, or to his Deputy.

A Bachelor of Divinity must be a Bachelor of Arts of three years' standing. He must likewise have undergone a special Examination in Divinity.

Candidates for this Degree will be required to show a general knowledge of the Scriptures of the Old and New Testament, of Ecclesiastical History, and of Dogmatic Theology, and also to have made a special study of some particular branches.

Examinations.—As a general rule, it is required that Candidates shall be examined in the Course annually appointed for Examination for Theological Exhibitions (see under Divinity School, "Theological Exhibitions"). It consists of six Divisions, viz.:—

I. Old Testament,
II. Hebrew,
III. New Testament,
IV. Dogmatic Theology,
V. Ecclesiastical History, and
VI. Patristic Theology.

Candidates for the B.D. Degree are permitted to bring up any one or more of these Divisions, in any order, at any one of the three Examinations which are annually held in March, June, and December, and to reserve the rest for any subsequent Examination or Examinations. They are required to give notice to the Regius Professor a month before the Examination at which they propose to present themselves, stating at the same time in what divisions of the Course they desire to be examined. Each Candidate, when he gives such notice, must send to the Senior Proctor an examination fee of one guinea for each Division specified in his notice. The fees so paid by the Candidate will, in case he obtains the Degree, be allowed (to an amount not exceeding six guineas) in part payment of the Degree fee of £13 15*s*.

The Court, on sufficient reason being shown, may make different arrangements for a Candidate's Examination. Application for such special arrangements must be made three months before the Commencements at which the Candidate desires to obtain his Degree.

Candidates who do not hold the Divinity Testimonium will further be examined in the following:—

Division VII.

(1) Butler, *The Analogy*.
(2) The Article *Miracle* in Hastings' *Dictionary of the Bible*.
(3) Paley, *Horæ Paulinæ*.
(4) A. B. Davidson, *Old Testament Prophecy*. Edited by J. A. Paterson, omitting chaps. 8, 9, 10, 12, 15, 18, 23, 24.
(5) Swete, *The Apostles' Creed*.
(6) The Thirty-nine Articles of Religion, with Bishop Gibson's *Exposition*.

Candidates, on giving not less than one month's notice, may substitute for (6) *The Westminster Confession of Faith*, *The Form of Presbyterial Church Government*, and *The Directory for Public Worship*.

Thesis.—As a proof that the Candidate has, in addition to the general course of reading, made a special study of some particular branch, he must send to the Regius Professor, two months before the day of Commencements, a Thesis, printed or type-written, on a subject chosen by himself and approved of by the Court. The Thesis should be accompanied with references to the authors consulted in its composition.

A Doctor in Divinity must be a Bachelor of Arts of eight years' standing, and must also be a Bachelor in Divinity. He is required to present a printed Thesis, in which he has treated of and explained some portion of Doctrine from the Holy Scriptures, or of the History of the Church, or of Dogmatic Theology. It is desirable that the Candidate, before printing his Thesis, should have the subject approved of by the Court. This Thesis he must send to the Regius Professor two months before the day of Commencements, and at the same time he must lodge with the Bursar a sum of £5, to be paid to an Examiner appointed by the Court, who, together with the Regius Professor, shall report to the Court on the merits of the Thesis. In the event of the Degree being granted, such sum will be allowed in part payment to the Senior Proctor of the fee of £26 for the Degree.

The University of Dublin Tests Act (36 Viet. chap. 21) abolishes the necessity formerly imposed on Candidates for the Degree of Bachelor or of Doctor of Divinity of subscribing the declaration of the Royal Supremacy, the Liturgy of the United Church of England and Ireland, and the Thirty-nine Articles.

A Bachelor in Laws must have taken the Degree of Bachelor in Arts. He must also have passed a Special Examination. For details, see Law School.

A Doctor in Laws must be a B.A. of three years' standing, and must have taken the degree of LL.B.

For the procedure by which Candidates may qualify themselves to obtain this Degree, see School of Law.

A Bachelor in Medicine must have taken the Degree of Bachelor in Arts, and must have spent five years in the study of Medicine. Before the Grace of the House can be obtained, the Candidate must pass a public Examination in the Hall before the Medical Professors.

For regulations see School of Physic.

A Doctor in Medicine must have taken the M.B. Degree, and must be of M.A. standing. He must also read a Thesis publicly before the Regius Professor of Physic or must undergo an Examination before the Regius Professor, according to regulations to be approved by the Board.

A Bachelor in Surgery must be a Bachelor in Arts, and have spent five years in the study of Surgery and Anatomy. Before the Grace of the House can be obtained, the Candidate must pass a public Examination in the Hall before the Professors of the School.

A Master in Surgery must be a B.Ch. of three years' standing, and must produce satisfactory evidence of having been engaged for not less than two years from the date of his registration in the study or practice of his profession. He must then pass an Examination in Surgery and Surgical Anatomy. Graduates in Surgery of the University of Dublin, of not less than ten years' standing, may be recommended for the Degree of M.Ch. by the vote of the Court of Examiners on such Examination as they shall determine.

A Bachelor in Obstetric Science must have graduated in Medicine, have attended a Winter's Course of Lectures in Midwifery at a recognized School, have practised Midwifery for six months at a recognized Hospital or Maternity, and must pass an Examination in Practical Midwifery, Gynæcology, and Obstetrical Anatomy.

A Master in Obstetric Science must be a B.A.O. of two years' standing, and must produce satisfactory evidence of having been engaged for two years in the study of Obstetric Science. Before the Grace of the House can be obtained, the Candidate must pass the M.A.O. Examination according to regulations approved by the Board.

A Bachelor in Dental Science must be a Bachelor in Arts, must have spent at least four years in the School of Dentistry, and passed the requisite Examinations.

Masters in Dental Science must be Bachelors in Dental Science of at least one year's standing. They will be required to pass an Examination in Pathology and Bacteriology, and either to carry out Dental work of an advanced character to the satisfaction of the Examiners, or to present a thesis to be approved of by them, giving evidence of original research on some subject connected with Dentistry.

A Bachelor in Civil Engineering must have taken the Degree of Bachelor in Arts. He must also have spent two years at least

in the study of Civil Engineering, and have passed all the Examinations of the School. (See Engineering School.)

A Master in Civil Engineering must have taken the Degree of Bachelor in Civil Engineering; he must also have practised for three years as a Civil Engineer, after having obtained the Degree of B.A.I.

A Bachelor in Agriculture, or in Agriculture (Forestry), must have taken the Degree of Bachelor in Arts, and must have fulfilled the necessary conditions. For details, see "Schools of Agriculture and of Forestry."

Degrees in Music.—Candidates for Degrees in Music must matriculate in Arts, but are not required, as in the other Faculties, to proceed with the Arts Course.

Bachelor in Music.—This Examination is divided into two parts:—

1. *Preliminary Examination* to include—
   - (*a*) Harmony up to four parts.
   - (*b*) Counterpoint up to four parts; strict and free.
   - (*c*) A critical knowledge of the following works:—
     - Beethoven—Pianoforte Sonatas: Op. 10, No. 3; Op. 22 (in B flat); Op. 28 (in D major); Op. 31, No. 2; Op. 53 (Waldstein); Op. 57 (Appassionata).
     - Mendelssohn—Trio I. in D minor (Op. 49) for Pianoforte, Violin, and 'Cello. (Payne's Miniature Scores.)
     - Mozart—String Quartet, No. 6, in C major. (Payne's Miniature Scores.)
     - Parry—Songs of Farewell (Year-Book Press).

     [The list will be varied from time to time. Candidates are requested to bring the scores with them. This list stands till 1925.]
   - (*d*) Musical history up to Bach and Handel, inclusive.
   - (*e*) *Viva voce* on general knowledge of music.

Before entering for the Final Examination the candidate must *either* submit an exercise, *or* undergo a practical test at the organ or pianoforte.

A. The exercise may be *either*—

(1) a vocal cantata containing a solo, an unaccompanied quartet, a five-part chorus, and a four-part fugue, with accompaniment for strings only;

or,

(2) a string quartet containing the usual four movements.

Candidates may apply to the Registrar for permission to submit an Exercise which does not fulfil the above conditions. But it must contain a fair amount of contrapuntal choral writing, with independent accompaniment, and some solo work. The accompaniment may be for strings, with or without the addition of wood-wind and two horns. Strings are compulsory. Any of the above extra instruments may be added at discretion.

The exercises must be sent to the Registrar of the School of Music not later than two months before the date of the Examination.

B. Should the candidate choose the practical test in lieu of the exercise, he must be prepared to play the following pieces [for 1922 and 1923]* :—

Pianoforte : *J. S. Bach.*—Prelude and Fugue in A flat, major, No. 41.
Sibelius.—Impromptu in B minor, Op. 5, No. 5 (Chester).

Organ : *J. S. Bach.*—Prelude and Fugue in B minor (Peters' edition, vol. 2).
César Franck.—Pastorale in E.

Candidates (whether they choose organ or pianoforte) will be required to transpose and also to play at sight.

The practical test will take place in Dublin immediately before the Final Examination ; and successful candidates may sit for that examination at once.

2. *Final Examination* :—

(*a*) Harmony up to five parts.
(*b*) Counterpoint up to five parts, strict and free.
(*c*) Double counterpoint.
(*d*) Canon in two parts, with the addition of a free part.
(*e*) Fugue up to four parts.
(*f*) A critical knowledge of Bach's "Wohltemperirte Clavier," Book i, and also of Mozart's Jupiter Symphony (full score), and Stanford, The Revenge (short score).
[The list will be varied from time to time. Candidates are requested to bring the scores with them. This list stands till 1925.]
(*g*) Musical history from C. P. E. Bach up to the present time.
(*h*) *Viva voce*, principally to test the candidate's acquaintance with admitted masterpieces.

Doctor in Music.—A Doctor in Music must be a Bachelor in Music of the University of Dublin. Before sitting for the examination the candidate must submit an Exercise.

A. The Exercise may be *either*—

(1) a work for voices and full orchestra, comprising—
(*a*) an overture or introduction,
(*b*) at least one choral movement in eight real parts, with independent accompaniment ;
(*c*) at least one solo ;
(*d*) specimens of contrapuntal writing ;
or,
(2) a symphony for full orchestra in the usual four movements.

* The pieces chosen for the years 1924 and 1925 are the following :—
Pianoforte : *J. S. Bach.*—Prelude and Fugue in G minor (No. 16.).
Grieg.—Ballad in G minor, Op. 24 (Augener).
Organ : *J. S. Bach.*—Toccata and Fugue in D minor (Peters, vol. 2).
Schumann.—Canon in B minor (Novello).

Exercises must be sent to the Registrar of the School of Music not later than two months before the date of the Examination.

Final Examination—

The Examination will include:—

(*a*) Harmony and Counterpoint, strict and free, up to eight parts.
(*b*) Double and triple Counterpoint.
(*c*) Canon up to four parts.
(*d*) Composition.
(*e*) Orchestration of given or original material.
(*f*) Critical and historical questions.
(*g*) *Viva voce*, principally to test the candidate's knowledge of the works of the great masters.

Strict Counterpoint will include the addition of parts to a given part in the style of the Polyphonic Schools of the sixteenth century. In the Final Mus.B. and Mus.D. it will also include the writing of a short madrigal or motet in the style of this period. Candidates should study the works of Palestrina, Byrd, Gibbons, &c. (The English Madrigal School. Stainer and Bell.)

All the several Musical Examinations are held concurrently, twice a year, on days announced in the Calendar, and all candidates are required to give at least a fortnight's notice to the Registrar of the School of Music.

Total Fees.—Fee for Matriculation, ... £15
Bachelor of Music,* 10
Doctor of Music, ... 20

Details of Fees:—

Mus.B.—

Fee to be paid by candidate before he presents himself for Examination, ...	£2	0	0
Fee to be paid by candidate before he sends in his Exercise, or before his Practical Test, . .	3	0	0
Fee to be paid by candidate before he presents himself at the Commencements, ...	5	0	0
	£10	0	0

Mus.D.—

Fee to be paid by candidate before he sends in his Exercise.	5	0	0
Fee to be paid by candidate before he presents himself at the Commencements, ...	15	0	0
	£20	0	0

These fees are to be sent to the Senior Proctor.

A candidate failing in any one Examination will be admitted

* If candidate is a B.A. of the University, the Fee is only £5.

to the next following Examination only of the same Grade without payment.

If he then fail, he must pay the ordinary fee before presenting himself again.

The Pass List will be issued at 2 p.m. on the day before Commencements. Those candidates who are eligible for presentation for the Degree of Bachelor or Doctor in Music should forthwith interview the Senior Proctor as to the necessary steps for presentation.

Admission of Candidates to Degrees "in absentiâ."—A Student of the University may be allowed (although not present in the Senate) to proceed to his Degree upon the following conditions:—

1. The academic qualification required for Degrees to be conferred *in absentiâ* are the same as those required for Degrees conferred in person.

2. The requirements as to fitness of character are also the same as those required for Degrees conferred in person, viz.: that before passing any Grace for a Degree *in absentiâ* the Board shall require such evidence as it may deem necessary to secure that no unworthy Candidate is presented to the Senate.

3. Subject to the foregoing, the Board may pass a Grace for a Degree *in absentiâ* (*a*) for any Candidate resident without the British Isles, or (*b*) for any Candidate resident within the British Isles if the circumstances which prevent his appearing in person are in their opinion of a sufficiently grave or exceptional nature.

Admission "ad eundem Gradum."—A candidate who holds an Oxford or Cambridge Degree may be admitted to the corresponding Degree in Dublin, if the Senior Lecturer and the Senior Proctor are satisfied that his reasons for seeking the Degree, and his academic qualifications are sufficient; letters testimonial from the authorities of the applicant's College as to character to be sent to the Senior Proctor in every case.

The fee for the B.A. Degree *ad eundem* is £13 5*s*., as the Candidate must place his name on the College books. In all other cases the fee is the same as that payable by Dublin Graduates.

Candidates who have paid to the Senior Proctor the fee for a Degree *ad eundem* may present themselves for the examination for a higher Degree on payment of the regular examination fee, and before the *ad eundem* Degree has been conferred, and if the Candidate be successful, the higher and lower Degrees may be conferred at the same Commencements.

For the purpose of ascertaining the date at which a higher Degree may be taken, the Candidate is reckoned as having taken the lower Degree *ad eundem* on the date at which he obtained the corresponding Degree in his own University.

Application for the Degree of B.A. *ad eundem* must be made through the Senior Lecturer, in all other cases through the Senior Proctor.

TABULA EXPENSARUM PRO UNOQUOQUE GRADU ACADEMICO.

Baccalaureus in Artibus (B.A.),			
Nobilis,	£5	0	0
Soc. Comm.,	3	0	0
Pens.,	2	0	0
Magister in Artibus (M.A.),	£9	16	6
Baccalaureus in Scientiis (Sc.B.),	10	0	0
Doctor in Philosophiâ (Ph. D.),	15	0	0
Doctor in Scientiis (Sc.D.),	25	0	0
Doctor in Litteris (Litt.D.),	25	0	0
Baccalaureus in Sanctâ Theologiâ (B.D.),	13	15	0
Doctor in Sanctâ Theologiâ (D.D.),	26	0	0
Baccalaureus in Utroque Jure (LL.B.),	11	15	0
Doctor in Utroque Jure (LL.D.),	22	0	0
Baccalaureus in Medicinâ (M.B.),	11	0	0
Doctor in Medicinâ (M.D.),	20	0	0
Baccalaureus in Chirurgiâ (B.Ch.),	5	0	0
Magister in Chirurgiâ (M.Ch.),	11	0	0
Baccalaureus in Arte Obstetriciâ (B.A.O.),	1	0	0
Magister in Arte Obstetriciâ (M.A.O.),	10	0	0
Baccalaureus in Dentariâ Scientiâ (B.Dent.Sc.),	10	0	0
Magister in Dentariâ Scientiâ (M.Dent.Sc),	10	0	0
Baccalaureus in Arte Ingeniariâ (B.A.I.),	1	0	0
Magister in Arte Ingeniariâ (M.A.I.),	10	0	0
Baccalaureus in Agri Culturâ (Agr.B.),	5	0	0
Baccalaureus in Agri (Forestarii) Culturâ [Agr.(Forest.)B.],	5	0	0
Baccalaureus in Musicâ (Mus.B.), for Non-graduates,	10	0	0
,, ,, for Graduates,	5	0	0
Doctor in Musicâ (Mus.D.),	20	0	0

The Senior Proctor receives the Fees for all the above Degrees, with the exception of those for the Degree of Bachelor of Arts, which are payable to the Junior Bursar.

Testimoniums.—A fee of thirty shillings must be paid on taking out the Testimoniums of the following Degrees:—Sc.D., Litt.D., M.A.O.; a fee of ten shillings on taking out the Testimoniums of M.A., B.D., D.D, LL.B, LL.D., M.A.I., Mus. B., Mus. D.; the fees for taking out the Testimoniums, of the other Degrees, namely:—B.A., Sc.B., Ph.D, M.B., M.D., B.Ch., M.Ch., B.A.O., B. Dent. Sc., M. Dent. Sc., B.A.I., Agr. B., and Agr. (Forest.) B., are included in the fees charged for the Degrees in the preceding Schedule.

N.B.—As some inconvenience may be occasioned to Graduates by unavoidable delay in the issue of Testimoniums, all Students requiring the Testimoniums of their Degrees during the Summer Vacation are requested to make application for them before the 30th of June. As a general rule, Testimoniums of Degrees will not be issued during the Vacation.

Diplomas and Licenses.—The conditions on which Diplomas are granted in Gynaecology and Obstetrics, Agriculture, Education, Economics and Commercial Knowledge, and Religious Knowledge for Women, and Licenses are granted in Medicine, Surgery, Obstetric Science, and Civil Engineering, will be found under the corresponding headings.

Representation of the University in Parliament.

Under the Representation of the People Act, 1918, the University of Dublin returns two members to Parliament, under a system of Proportional Representation.

Every person of full age (*i.e.*, 21 in the case of a man and 30 in that of a woman) is entitled to be registered as a Parliamentary elector for the constituency of the University of Dublin, provided that he is a British subject and is not subject to any legal incapacity* and has received a Degree (other than an Honorary Degree) at the University, or has obtained a Scholarship or Fellowship in the University, whether before or after the passing of the Act.

A registration fee of £1 is charged to Bachelors in Arts who graduated when the Degree fee for a Bachelor in Arts was £1; but no fee is charged to Doctors or Masters or to Bachelors who graduated since the Degree fee was raised from £1 to £2. Forms of application may be obtained on application to the Assistant to the Registrar of University Electors.

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* This restriction applies only to conscientious objectors and to those convicted of offences under the Defence of the Realm Act.

Trinity College.

ORDER OF RANK IN THE COLLEGE.

THE several orders in the College are the following:—

1. The PROVOST or Head of the College; who must be not less than thirty years of age.

2. FELLOWS; who were formerly bound to enter into Priest's Orders, except five: of whom one was elected *Medicus*, by the Provost and Senior Fellows, and two others were elected *Jurista juris Civilis* and *Jurista juris Anglici*, respectively. This obligation to take Holy Orders was removed by the Act 36 Victoria, chap. 21.

3. NOBLEMEN, SONS OF NOBLEMEN, and BARONETS, who are matriculated as such under the title of *Nobilis*, *Filius Nobilis*, and *Eques*.

4. DOCTORS in the several Faculties, BACHELORS IN DIVINITY and MASTERS IN ARTS, SURGERY, OBSTETRIC SCIENCE, CIVIL ENGINEERING, DENTAL SCIENCE, LETTERS, AND SCIENCE. Doctors and Masters have no Collegiate privileges or duties, unless their names are kept on the College Books.

5. BACHELORS IN CIVIL LAW, MEDICINE, SURGERY, OBSTETRIC SCIENCE, CIVIL ENGINEERING, DENTAL SCIENCE, AGRICULTURE, and BACHELORS IN ARTS. They are not required to keep their names on the University or on the College Books in order to entitle them to proceed to the higher Degrees. All Graduates are entitled to be registered as Parliamentary electors for the constituency of the University of Dublin. Graduates other than Doctors and Masters should apply to the Assistant Registrar.

6. FELLOW-COMMONERS, who have the privilege of dining at the Fellows' Table.

7. SCHOLARS who are on the foundation, being members of the Cooporation of the College (see under Scholarship).

The number of Scholars is seventy, of whom thirty were formerly termed natives (*Hibernici*), but this distinction has been abolished by King's Letter, 8 Geo. IV.

8. PENSIONERS, namely ordinary Students in Arts.

9. SIZARS, who are Students of limited means, having their commons free of expense, and being exempted from annual fees. They were formerly nominated, one by each Fellow, and eight or more (provided the number of thirty were not exceeded) by the Provost. They are now admitted annually by an examination (see "Sizarships"), and the number is not limited to thirty.

COLLEGE CHARGES.

I. *Undergraduate Fees.*—Before the name of any Student can be placed upon the College Books, the amount of Entrance Fees specified below must be paid to the Junior Bursar. The payment must be made within one week of the declaration of the result of the Entrance Examination. Fees not paid within the specified time are subject to the Tardy Payment charge of 3*s.* per week, and if not paid within six weeks of the declaration, the Entrance Docket is cancelled. In the case, however, of those who intend to present themselves at a Term Examination on the day following the days of Entrance, the payment must be made *on the last day of the Entrance Examination.*

The following statements contain the practice with regard to Arts Fees:

(*a*). For Pensioners, the Entrance and half-yearly Fees are fifteen pounds and ten guineas respectively; for Fellow-Commoners, thirty pounds and twenty guineas respectively, and for *Filii Nobilium*, sixty pounds and forty guineas respectively. Sizars pay £1 1*s.* 3*d.* Entrance Fee, and are exempt from half-yearly Fees.

Pensioners who have entered before 31st December, 1920, are charged half-yearly fees of eight guineas.

(*b*). Students who enter after the March quarter in any year and present themselves at the Trinity Term Examination in May, or the Trinity Lectures, or the Supplemental Hilary Term Examination in June, or the Michaelmas Term Examination in October, must pay the first half-yearly fee before presenting themselves for any Term Examination or Lectures; and they must pay a second half-yearly Fee at the end of October

Students who enter after the March quarter, and do not present themselves for any of the above Examinations or Lectures, pay the first half-yearly Fee in the April of the succeeding year.

The names of Students who enter between the end of March Quarter and the 1st of November are not placed upon the College Books unless the payment to the Junior Bursar entitles them to be put in the existing Junior Freshman Class.

(*c*). A Student who goes through his Course in the regular way (*i.e.* without dropping a Class) will pay to the Junior Bursar, in addition to the Entrance Fee, eight half-yearly Fees, payable in April and October in each year; and no Student can rise to the standing of a Candidate Bachelor until he has made the last of these half-yearly payments. Students should remember that the fee of two pounds for the conferring of the Degree must be paid to the Junior Bursar on or before the day preceding the Commencements at which they present themselves.

No Student will be allowed to be a Candidate for Moderatorship, or at the Special B. A. Degree Examination in Trinity Term, unless his Fees for the current half-year shall have been paid *before* the first day of Examination.

The half-yearly Fees become due at the end of the March and September quarters, but Students are allowed to delay the payment till the Friday before the first Saturday in May or November respectively. Fees despatched by post are counted as received on the day on which they are posted. A Student sending Fees by post should state his Class and Tutor, in addition to his own name.

Half-yearly Fees should be paid on or before the Friday which precedes the first Saturday of May or November, and any Student whose Fees are not paid on that day must pay with them the Tardy Payment charge of 3*s.* for that and every succeeding Friday in May or November for which the Fees remain unpaid, until the first Saturdays of June and December, on which days the names of all Students whose Fees have not been paid are struck off the books, and can only be replaced on payment of a Fee of 15*s.*, in addition to the half-yearly Fee.

In addition to the half-yearly Fees, some Students incur Incidental Expenses, due as Rent of Chambers, Commons, Punishments, and so forth, and these must be paid to the Junior Bursar, at the end of each quarter.

Sizars, whose incidental expenses are not paid within a fortnight from the date on which their accounts are furnished, are forthwith struck off the Books, and their Sizarships vacated.

(*d*). Students who drop a year, whether from inability to keep the requisite Terms, or from any other cause, should always consult their Tutors before paying the half-yearly Fees then due, or next to become due; and when so doing, they should state whether they belong to, attend, or purpose to join, any of the Professional Schools.

(*e*). A Student whose name has gone off the books can always replace in any Class in which the Terms he has kept entitle him to be placed, provided he pays the replacement Fee of 15*s.*, and that the half-yearly payment or payments which he makes on replacement, taken with those which he has previously made, include all those paid in regular course by the Students in the Class which he joins on replacing, viz. one half-yearly Fee in the April and one in the October of each Freshman and Sophister year for which he claims credit. But it is especially to be observed that if, in the April or October of any year, a Student who is not allowed by the Senior Lecturer to keep his Class, should nevertheless pay the half-yearly Fee then due, *such payment does not count as a payment for the April or October of the Class from which he is put down*, but as a repetition of the payment previously made by him as a member of the Class to which he is put down, and such payments are not taken account of in determining the amount to be paid on replacement. The Fee paid by a Student desiring to sit for the Final

Freshman Examination in June shall be regarded, if he has already paid the second Fee of the Senior Freshman Year, as a repeated payment of this Fee, and not as a repeated payment of the first Fee of the Senior Freshman Year.

In determining the time for which the name of a Student who replaces remains on the Books without further payment, the half-yearly Fee paid on replacement is considered as having been paid at the date on which it became due by the members of the Class which the Student joins. Thus a payment made after March 21st will keep the Student's name on the Books till the first Saturday in December, unless it counts as a payment made in the previous half year, in which case the name goes off on the first Saturday in June.

Graduate members of the Army Class are allowed to continue their attendance on the Army Lectures in the month of June, without payment of the current half-year's fees.

Replacement.—A Replacement Fee of fifteen shillings must *always* be paid to the Junior Bursar for the replacement of the name of any Student which has been removed from the Books.

In addition, the full amount of the College Fees must be paid, see (*e*) above, except in the following cases:—

1. Replacement for the purpose of getting Degrees conferred.

2. Graduates of the University are allowed to go in for the Final Examination of the Divinity School, and Students who have passed the B.A. Examination are allowed to go in for the Final Examination of the Engineering School, on payment of a *Liceat ad Examinandum* Fee of one guinea. The names of Students so replaced are removed from the Books immediately after the Examination.

3. Graduates of the University are permitted to replace their names on the Books, during the first year from taking the Degree of B.A., without payment of the College Fees, for the purpose of competing for any Prizes which are open to Students in their Bachelor years. The names of any Students so replaced are removed from the Books immediately after the Examination.

During the second and third year to M.A. standing, they must pay a full half-year's fees.

In the case of all Prize Examinations at which, under existing Rules, Students presenting themselves for Examination are required to have their names on the College Books, the list of Prizes awarded shall be certified by the Junior Bursar before being laid before the Board for confirmation.

4. See Divinity School, § VI., for rules with regard to Theological Exhibitions.

When a Student's name is put on the College Books in virtue of Terms kept in another University, the fee of fifteen shillings is charged, but as a Registration Fee, not as a Replacement Fee.

II. *Charges for Doctors in the several Faculties, Masters, and Members of the Senate.*—Resident Doctors and Masters pay the

sum of £4 half-yearly. The regulations for payment are the same as those already given under the head of Undergraduates.

The Fees payable by Members of the Senate are regulated by Decrees of the Board as follows:—

WHEREAS, by the Royal Letters Patent bearing date the 24th day of July, in the twenty-first year of the reign of Her most Gracious Majesty Queen Victoria, it is amongst other things enacted, that the Senate of the University of Dublin shall, as heretofore, consist of the Chancellor, or, in his absence, the Vice-Chancellor, or Pro-Vice-Chancellor for the time being, and of such Doctors and Masters of Arts of the University as shall have and keep their names on the Books of Trinity College, in accordance with such regulations and conditions as the Provost and Senior Fellows of the said College shall enact:

We, therefore, the Provost and Senior Fellows, in pursuance of the powers vested in us, do hereby enact and DECREE:

1. That no change shall be made in the Fees heretofore payable by Doctors and Masters holding Rooms in the College, or in attendance on Collegiate or Professional Lectures, or presenting themselves at Examinations.

2. That all Doctors or Masters of Arts, whose names are now on the College Books (*i. e.* on January 31, 1872), and who are not resident nor in attendance on Lectures, as aforesaid, shall be permitted to retain their names on the Books of the College as Members of the Senate, without further payment.

3. That all Doctors or Masters of Arts (except as hereafter provided), whose names are not on the College Books, shall be required to pay, on replacing their names, the accustomed charge of £4 15*s.* for the half-year in which such replacement is made; after which their names shall be retained on the College Books as Members of the Senate, without further payment.

4. That the names of all Doctors and Masters of Arts, who have been University Students, or First Senior Moderators who have obtained a large Gold Medal, or Senior Moderators who have obtained two Gold Medals shall be replaced and retained on the College Books as Members of the Senate, without charge.

5. That Ex-Fellows of the College, according to ancient privilege, shall be permitted to retain their names on the College Books without any charge.

6. That the Members for the University in Parliament, and ex-Members, shall be permitted to retain their names on the College Books free of all charge.

Fees for Lectures or Laboratory Instruction.—Where a fee is chargeable for attendance on a course of Arts Lectures or of Laboratory Instruction, it must be paid to the Junior Bursar not later than three days after the day fixed for the commencement of Arts Lectures or of attendance at the Laboratory, and the receipt must be produced to the Professor or Lecturer. If not paid within that time, a tardy payment fine of 3*s.* will be imposed. No Student is permitted to attend such a course if his fee has not been paid within six days from the commencement of Lectures or of his attendance at the Laboratory. Professors and Lecturers are directed to enforce this rule.

RESIDENCE, AND DUTIES OF RESIDENT STUDENTS.

RESIDENCE, as a part of Academic discipline, is not enforced in the University of Dublin, but residence either in the city or in the College is indirectly necessary.

Rooms.—Chambers in the College are granted by the Provost on application from the Tutor of the Student who proposes to reside. On obtaining Rooms, a sum of money is deposited with the Registrar of Chambers, which is intended as security against any injury that they may sustain, and is returned on vacating the Rooms, if all claims of the College be first satisfied. The deposit for Rooms varies from £8 to £30; and the annual rent varies from £4 to £18. Most of these Chambers are intended to accommodate two Students, in which case each Student in occupation pays only half rent and half deposit. If, however, a Student, from any cause, should be the sole occupant of such Rooms, he is always liable for the entire rent during whatever time the sole occupation continues.

A list of the Chambers vacant within the College is hung up at the Chief Steward's lodge, near the Gate. Students can see the different sets of vacant Chambers on application to the Clerk of the Works, and when they have decided which sets they prefer, they should communicate with their Tutors, giving a list containing the particulars of two or three sets of Chambers, in the order in which they prefer them, so that in case the Rooms first applied for are granted to other Students, the Tutors can apply for the other Rooms. An application for a double set of Chambers must be made on behalf of two Students jointly. If the Rooms applied for be granted, the deposit must be paid to the Registrar of Chambers within a fortnight, or else the right to the Rooms lapses. The deposit is returned when the Rooms are vacated and the keys given up to the Chief Steward.

No Student is allowed to reside in Chambers registered in the name of another, without a written permission from the Provost, stating the period during which such temporary occupation may continue. The Chambers of any Student who allows another person to occupy them, either wholly or in part, without such permission, are immediately declared vacant.

The following Regulations concerning the occupation of Chambers have been made by the Board:—

1. The Chambers of Resident Students, except Scholars, and Students attending Lectures in one of the Professional Schools, are to be vacated at the close of the Quarter in which they shall be of standing to be admitted to the B.A. Degree.

2. The Chambers of Ex-Scholars and Ex-Sizars shall be vacated at the close of the September Quarter next after the expiration of their Scholarships and Sizarships.

3. Students attending Lectures in the Professional Schools are permitted to retain their Chambers until the first Saturday in June of their Junior Bachelor year, but not longer, without special permission from the Provost.

4. Graduates above the standing of Junior Bachelor, who may obtain permission to occupy Chambers, pay a half-yearly Fee of £5 5*s*. in addition to the usual rent.

5. No Student is permitted to retain his Chambers during a Term in which he is not in residence, without special permission from the Provost.

6. Students who are permitted to retain their Chambers under Rule 5 will be charged each Term full Commons Fund and full servants' wages for six weeks.

7. The Rooms of Students whose quarterly accounts are not paid within a fortnight of the date on which they are furnished by the Registrar of Chambers shall be declared vacant

8. The Registrar of Chambers is empowered to charge Students, who may change their Rooms, and neglect to give the keys of their vacated Rooms to the Clerk of the Works, the rents of both sets of Chambers until the deposit be transferred.

9. Students who fail to vacate their Rooms within a week after they have received notice to quit from the Registrar of Chambers, shall be liable to forfeiture of their Deposit, or of such portion of it as the Registrar may determine.

Attendance on Divine Service.—All Students who are members of the Church of Ireland or England, and who reside within a distance of one mile and one-half from the College, are required to attend Divine Service in the College Chapel on Sunday morning. The Junior Dean is directed to bring the names of such Students as are negligent in their attendance under the notice of the Provost or Senior Dean. Students resident within the College, who neglect to comply with the regulation on this point, are liable to be deprived of their Rooms.

The hours of Divine Service in the College Chapel are the following:—On Sundays, Morning Prayer is read at 10 a.m., and Evening Prayer at 7 o'clock. On week-days, Morning Prayer is read at 8.30 a.m., and Evening Prayer at 7.15 o'clock. The Order for Morning and Evening Prayer is shortened in the Chapel on week-days, by the omission of certain prescribed portions. On Sundays all Students must wear surplices, with the hoods belonging to their Degrees, if they be Graduates.

The Holy Communion is administered on days fixed by the Provost.

After Morning Prayer on Sundays, a Sermon is delivered by one of the Professors of Divinity or one of the University Preachers for the year.

Students in residence who are members of the Presbyterian Church in Ireland, are required to lodge with the Junior Dean a certificate of attendance upon one of the Presbyterian Churches of the city signed by the Minister of that Church.

Corrections.—At half-past ten o'clock on Saturday mornings, the Junior Dean attends in the Hall, and reads out the names of all Students who have been punished for neglect of duties or other offences during the week. It is the interest of those who can excuse themselves to be present; and if their excuses are admitted by the Dean, the fines are taken off.

Commons of Resident Students.—All Students resident in College, unless specially excused by the Provost, must dine in the Commons Hall, except during the summer vacation. They must take care to put their name on Commons by application to the Clerk of the Buttery, as soon as they come into residence.

The Rules now in force with regard to Commons are as follows:—

1. That all Fellow-Commoners and Pensioners under the standing of M.A., and holding Chambers in the College, be uniformly charged, in addition to the Chamber-rent now paid to the Registrar of Chambers, a certain specific sum per week for certain portions of the year; and that the sums thus accruing be considered as contributions to a *Commons Fund.*

2. That these charges be, for each Fellow-Commoner, ten shillings and six pence per week, and for each Pensioner seven shillings; said charges to be levied for the weeks in each Term in which Undergraduate Lectures shall be given, or for so many of those weeks in any Term as the Student holds Chambers without actually giving up the keys of the same to the person entitled to receive them.

3. That these charges be made by the Clerk of the Buttery Books, from the Quarterly Chamber-rent list furnished by the Registrar of Chambers, against all persons liable to the same; and be introduced in the quarterly accounts payable to the Junior Bursar, among the incidentals of the past quarter under the name of *Commons Fund.* All persons, however, to whom Chambers may be granted within any of the periods above specified, are to be considered liable to these charges from the date the Rooms are assigned.

4. That the weekly sums thus charged be allowed in the regular Commons Charge to each Student, and the remainder, or variable part of the Commons Charge, be payable to the Clerk of the Buttery Books.

5. Students residing habitually at a distance from Dublin, and coming to Dublin to attend the Examinations of their Class, are allowed to put their names on Commons on the days on which these Examinations are held.

6. The Junior Dean shall be required to impose a fine of 5*s.* a week upon all Students, actually resident in College whose names shall not be on Commons at all times except during the long Vacation; it being understood that the charge for Commons Fund shall be considered an equivalent to this fine during the week in which Commons Fund is imposed.

7. No Student's name shall be placed on the Commons List without previous payment to the Clerk of the Buttery of the amount due for the period during which his name is placed on Commons. This rule is to apply in the case of sons of Fellows and Professors.

Regulations with reference to Commons.

Long Commons.—During the period known as "Long Commons," a Student may put his name on Commons on any day of the week, and

will be charged at the rate of 2*s.* per day for the remaining portion of the week.

For the remaining weeks of "Long Commons," his name must be on Commons, and he must pay accordingly.

All Students are expected to dine on Commons every day: but those who wish to dine with their friends on Sunday shall pay 12*s.* for the week instead of 14*s.* If the Student has the permission of the Junior Dean, in exceptional cases, to dine with his friends on Saturday as well as Sunday, he shall pay 10*s.* instead of 14*s.*

Short Commons.—For the period known as "Short Commons" (*i.e.*, the six or seven weeks of lecture term), a Student joining during the first week is required to pay for the whole period in one sum. If, however, he does not join until the second or any subsequent week he is required on joining to pay in one sum for the whole of the week in which he joins, and for the whole of the remaining period of Short Commons.

A Student is required to put his name on Commons before 1 p.m. Any Student dining without having put his name on Commons is liable to a fine of 2*s.* 6*d.* for each occasion.

When there are two halls, every Student presenting himself for dinner at an hour other than that at which he is entitled to dine, without giving notice at the office before 11 a.m., will be fined 5*s.* on each occasion.

Under no circumstances can a Student dine more than twice a week at an hour other than his standing allows him. Freshmen dine at the first hall; Sophisters and Graduates at the second.

If a Student desires to dine with his friends on Sunday during Short Commons, he shall pay 6*s.* for the week instead of 7*s.* If he has the permission of the Junior Dean to dine out with his friends for Saturday as well as Sunday, he shall pay 5*s.* for the week instead of 7*s.*

NOTE.—In cases where a Student wishes to leave College, for reasons which the Junior Dean considers sufficient, such Student will be allowed to keep his name on Commons for 1*s.* a day during Short Commons, and 2*s.* a day during Long Commons up to the day on which he leaves.

Charges for Servants.—1. Every Student in whose name chambers are registered is charged at the rate of one guinea per quarter whether he is actually in residence or not.

2. For every week or portion of a week of actual residence a Student occupying single rooms, or in solitary occupation of double rooms, is charged 4*s.*, and Students occupying double rooms are each charged 3*s.* 6*d.*

3. Should a Student, from any cause whatsoever, fail to be in residence for at least six weeks in any quarter other than the Long Vacation quarter, he will be charged a minimum of six of the weekly payments specified in the foregoing rule.

4. The servants are paid by the College, and they are engaged on the understanding that they are not to look for extra payments from Students.

If, however, a Student has been permitted by the Junior Dean to receive a guest in his rooms, such Student is responsible for paying the servant for the extra duties involved.

In addition to Commons Fund and charges for servants, the quarterly accounts include milk accounts and charges for gas.

Night-Roll.—All Students resident in the College, below the standing of B.A., must attend night-roll, which is called at nine o'clock. After night-roll no Student is permitted to pass out of College without a written order.

Exemption from attendance at night-roll may be granted on the ground of diligence and seniority. The extent of this indulgence is decided by the Junior Dean, subject to the approval of the Provost and the Senior Dean. Those who wish to remain out of College after twelve o'clock must previously obtain special permission.

Houses of Residence for Students.—The Board of Trinity College have decided to make it compulsory for all Students to reside in certain houses, in which the Board can be assured of their proper accommodation. In order to ascertain the suitability of these houses, the Board have appointed a House of Residence Committee to inspect and select houses which are suitable. The following are the members of the Committee:—the Senior Dean; the Junior Dean; Robert Russell, M.A.; W. Kennedy, M.A.; Rev. R. M. Gwynn, M.A.; J. Joly, SC.D.; A. Francis Dixon, SC.D.; H. H. Dixon, SC.D.; Walter C. Stevenson, M.D., *Hon. Sec.*

Any householder in or near Dublin may apply to any member of this Committee to have his (or her) name placed on the books of the Committee as willing to afford accommodation for students. These books will be accessible to students seeking lodgings.

Every house, before being entered on the Committee's books, must have been inspected by the Sanitary Inspector, and passed by the House of Residence Committee. The householder must also satisfy the Committee as to the general suitability of the house for Students by giving suitable references in writing. These references may be addressed to any member of the Committee. Householders are not charged any fee for having their names entered on the Committee's books, but will be required to furnish an account of the accommodation they can supply, and their terms. It will be in the discretion of the Committee to remove from their books the address of any house of residence at any time.

In order to retain their names on the books, householders must comply with the following rules:—

1. To forward to the Hon. Secretary of the House of Residence Committee on November 20th, February 20th, and May 20th of each year, a list of the Trinity College Students who are at the time in their houses, or who have resided there since the last return was sent in.

2. To inform the Hon. Secretary in the months of September and December, and at Easter, what accommodation they can offer for Students. In absence of this notification it will be assumed that the house is fully occupied.

3. To notify immediately the Hon. Secretary of any case of serious illness occurring in the house.

4. To give facility to members of the Committee for inspecting the house, and to produce a recent sanitary certificate of the house if required.

Course in Arts.

ENTRANCE.

1. The mode of admission into this University is by passing an Examination.

The Senior Lecturer is authorized to allow a Graduate in Arts of any University chartered under the Crown to have his name placed on the College Books, on payment of the Entrance Fee, without passing the Matriculation Examination.

Candidates who have passed in the Senior Grade Examination held under the Board of Intermediate Education, Ireland, or in any other Examination regarded by the Senior Lecturer as equivalent thereto, are qualified for Entrance in Trinity College on passing a further Examination in those subjects, if any, of the Trinity College Entrance Examination which are not included in those in which they have passed at the Intermediate Examination, or the Examination approved by the Senior Lecturer.

The Special Army Certificate of Education is accepted in lieu of the Entrance Examination, provided it covers Latin and one modern language other than English. If it does not cover these two languages, the Candidate will be required to pass the Entrance Examination in the languages or language which the Certificate does not cover.

All persons desirous of becoming Members of the College and of the University must, at their Entrance, place themselves under one of the Tutor Fellows who receive Pupils. The Collegiate interest of Pupils are under the guardianship of their Tutors, and to them all applications for information, whether before or after Entrance, should be made. Applications to the Board or to the Senior Lecturer must come from students not directly, but through their respective Tutors. Students may enter as Fellow-Commoners or Pensioners. But a Nobleman, the son of a Nobleman, or a Baronet, may enter as *Nobilis*, *Filius Nobilis*, or *Eques*. Students of limited means may compete for Sizarships, and, if successful, may enter as Sizars. Students entering after March 21, and at or before the Autumn Entrance in October, are permitted to join the Junior Freshman Class which was formed in the previous November, on payment of the half-year's fees due by members of that class, in addition to the Entrance Fee (see under 'College Charges').

There are five Matriculation or Entrance Examinations in the year, each lasting for two days. Of these, the Midsummer Entrance in Trinity Term, and the Autumn Entrance at the commencement of Michaelmas Term, are known as the Principal

Entrance Examinations. At all Entrance Examinations candidates who obtain 65 per cent. and upwards are given High Places. Candidates who are given High Places are arranged in order of merit, and their names, together with those of the Schools from which they present themselves, are published at the conclusion of the Examination. The Senior Lecturer is authorized to issue Special Certificates to those who are so selected.

The two Principal Entrances and two of the other Entrance Examinations are held on the days immediately previous to the four Examinations of the Junior Freshman Class (including the Supplemental Hilary Examination in June), so as to enable Students from a distance to pass a Term Examination as well as the Entrance without unnecessary loss of time. The fifth Entrance is held immediately before the Michaelmas Lectures begin. The dates of these Examinations may be found in the Almanac, and are also given under the heading 'Days of Examination.' In addition, the Senior Lecturer grants a Special Examination to such Students as are unable to present themselves at the regular Examinations, on reasonable grounds being given.

Candidates who have passed a Public Entrance Examination to the satisfaction of the Senior Lecturer are given a Large Entrance Certificate; all other candidates, who are allowed to proceed with their course, are given a Small Certificate, which cannot be used as evidence that they have passed the Public Entrance Examination of Trinity College; but such candidates will be given the Large Certificate as soon as they shall have passed a Term Examination.

The Entrance Examinations commence at 9.30 a.m.

2. Course for Principal and Ordinary Entrances.

English Composition; Arithmetic; Algebra (the first Four Rules, Fractions, and Simple Equations); Geometry, see below; English History; Modern Geography; Latin with Latin Composition; *and any one of the following Languages* :—Greek; French, About, Sans Dot, Les Parents de Bernard (Educational Co. of Ireland); German, Gerstäcker, Germelshausen (Rivington); Italian, Grillo, La Dolce Favella (Hirschfeld, London), pp. 28–209; Spanish, Carter and Molloy, Cuentos Castellanos (Harrap), omitting the last story; Russian. (For the Entrance Course in Russian, candidates are to apply to the Senior Lecturer.) In Greek and in Latin students may select any two Greek and any two Latin authors. (Two books by the same author will not be accepted in lieu of two distinct authors.) The quantity of each author to be presented for examination must be not less than the equivalent of two Books of Virgil, or Xenophon, or of a Greek play. Candidates will be examined *vivâ voce* in the translation, grammar, and subject-matter of the works which they submit. The Examination in a Modern Language will be partly *vivâ voce* in the prescribed books, and partly by papers, containing passages (unprescribed) for translation from these Languages, and passages for translation from English into the same.

The Course in Geometry[a] is that covered by Euclid, Books i., ii., iii.,

[a] In learning Geometry any of the following books may be used instead of Euclid's Elements :—Baker and Bourne, Godfrey and Siddons, Hall and Stevens, Purser.

and Book iv., Props. 1, 2, 3, 4, and 5, with some additional Elementary Practical Constructions, and also some Elementary *loci*. Geometrica Methods other than those followed by Euclid will be accepted, such as regarding tangents as limiting positions of chords, &c. Some questions will be set on practical constructions, so that candidates will have to provide themselves with a ruler, set square, protractor, and pencil compasses. (A syllabus giving more detailed information on the Course in Geometry may be obtained on application.)

3. Prizes obtainable in connexion with Entrance.

1st. About ten Sizarships annually in Mathematics, Classics, Experimental Science, Modern Languages, Hebrew, and Irish. The regulations respecting the Course, Privileges, &c., are given below.

2nd. Sixteen Junior Exhibitions, twelve of £20 and four of £15 a year, tenable for two years. See under 'Junior Exhibitions.'

3rd. Extra Exhibitions or Prizes may also be granted by the Board to deserving Candidates on the results of the Examinations for Junior Exhibitions and Sizarships.

4th. The Kidd Scholarship, value about £80 per annum, tenable for four years. The Examination for this Scholarship is held each fourth year, unless vacancies should occur oftener. See under 'Kidd Scholarship.' An Examination will be held in 1925.

5th. The Charles Wilkins Memorial Prize in Mathematics for Women. See under that heading.

6th. Twenty-six Entrance Prizes, namely, a First Prize of £5 and a Second Prize of £2 in each of the following subjects (provided sufficient merit be shown by the Candidates):—

1. Greek Verse.
2. Latin Verse.
3. Greek Prose.
4. Latin Prose.
5. English Literature and Composition.
6. English History and Modern Geography.
7. French.
8. German.
9. Hebrew.[a]
10. Experimental Science.
11. Natural Science.
12. Modern Irish.
13. Scripture.

A Student may compete for one or more of these Prizes. The names of the successful Candidates, and the Schools from which they present themselves, are published at the conclusion of the Examinations.

These Examinations are held early in Michaelmas Term, and are open to all Students who have not completed their nineteenth year before the 1st of June immediately preceding the Examination, and who are commencing the Junior Freshman Year, *i.e.*, to those Students who have entered since March 21st, and have not paid any half-yearly fee. They commence at 10 a.m.

[a] Hebrew Sizars are not eligible for this Prize, except in the absence of other deserving Candidates.

The following Courses have been appointed:—

English Literature.

Pancoast, Introduction to English Literature, Part ii., chapters 4 and 5; Part iii., chapter 2, and Part iv., chap. i.
Shakspere, Merchant of Venice, Richard III., Macbeth.
Milton, Comus and Paradise Lost, books iii. and iv.
Macaulay, Essays on Addison, on Boswell's Life of Johnson, and on Moore's Life of Byron.
Trench, English Past and Present.

English History and Modern Geography.

Gardiner, Student's History of England.
Seeley, The Expansion of England.
Trevelyan, England under the Stuarts.
} 130 marks.

Gregory, Structural, Physical, and Comparative Geography, ...
} 70 marks.

(Students are recommended to use Gardiner's Atlas of English History.)

French.

Balzac, Pierrette. (Oxford University Press.)
Sand, François le Champi (Oxford Higher French Series).
Hugo, Hernani (Oxford Higher French Series).

German.

Schiller, Maria Stuart.
Goethe, Egmont.
Kurz, Die Humanisten (Macmillan).

The merits of the Candidates in French and German will be tested by conversation, translation, composition, and questions in Grammar and Literary History.

Hebrew.

Grammar (including written exercises on the paradigms of nouns and verbs) and the first eight Psalms.

Modern Irish.

Modern Irish Grammar and Composition.

An Cnaor-Deaman.

A passage of Irish for translation at sight.

F. W. O'Connell, Selections from Keating's "Three Shafts of Death."

Experimental Science.

The Course appointed in *Experimental Science* consists of two sub-courses, *Experimental Physics* and *Chemistry*, which are as follows:—

Experimental Physics—Measurement of length, area, volume, mass, and weight: density, time, velocity, acceleration, and pressure.

Simpler phenomena of Heat, Light, Sound, Magnetism, and Electricity.

There will be a Practical as well as a Written Examination.

Chemistry—Physical and Chemical changes of matter—how distinguished. Elements and compounds. Law of definite proportions—Equivalents.

Water—its chief physical and chemical properties—its ultimate composition—Analysis—Electrolysis—Chief properties of hydrogen and oxygen. Synthesis of water. Laws of gaseous combination. Elementary ideas relating to molecules and atoms. Avogadro's law. Water as a solvent—Natural waters. Peroxide of hydrogen. Valence—law of multiple proportions.

Atmospheric Air—the principal substances contained in it—how they are recognized—their condition in air. Relations of air to processes of combustion and animal respiration. Nitrogen—its chief compounds with oxygen and hydrogen. Acids, alkalies, salts—their general characters.

Carbon—its forms. Allotropism. The two oxides of carbon—their chief physical and chemical properties and relations. The hydrides of carbon, marsh gas and olefiant gas. Coal gas and the nature of flame.

Deductions of formulæ and solutions of simple chemical problems.

At the *Practical part* of the examination, candidates will be expected to recognise one or more of the elements or compounds named above, or to prepare any of them. They may also be asked to perform simple quantitative operations illustrating general principles, such as—the action of heat on a metallic salt, the displacement of one metal by another from solution, or the measurement by the volume of a gas evolved.

NOTE.—Systematic qualitative analysis is not required at this stage.

The course appointed in *Natural Science* consists of three sub-courses, *Zoology*, *Botany*, and *Geology*, which are as follows:—

Zoology—External morphology of Earthworm; Insect; Frog.
Life History of Butterfly or Moth; Frog.

Thomson's Outlines of Zoology may be consulted.

Botany—Stenhouse's Introduction to Nature Study, Part i.
Geology—Huxley's Physiography.

Scripture.

First ten chapters of Genesis.
I and II Samuel.
Isaiah, Chapters xl. to end.
St. Luke's Gospel.
Acts of the Apostles.
Epistle to the Galatians.

The Examiners are—

For Greek and Latin Verse and Prose:—The Regius Professor of Greek and the Professor of Latin.

For English History and Modern Geography:—The Professor of Modern History and one Examiner appointed by the Board.

For English Literature and Composition:—The Professor of English Literature and one Examiner appointed by the Board.

For French:—The Professor of the Romance Languages and one Examiner appointed by the Board.

For German:—The Professor of German and one Examiner appointed by the Board.

For Hebrew:—The Professor of Hebrew and one Examiner appointed by the Board.

For Experimental Science:—The Professor of Natural and Experimental Philosophy and the Professor of Chemistry.

For Natural Science:—The Professors of Botany, of Geology and Mineralogy, and of Zoology and Comparative Anatomy.

For Modern Irish:—The Professor of Irish and one Examiner appointed by the Board.

For Scripture:—Rev. R. M. Gwynn, B.D.

4. Sizarships.

Sizars are Students of limited means, who have their commons free of expense, and are exempted from annual fees. Women Students who obtain Sizarships are allowed £12 a year in lieu of commons. The Entrance fee for Sizars is £1 1*s.* 3*d.*

The poverty of the Candidates is one of the qualifications to be inquired into before they are admitted Sizars. Candidates for Sizarship are required to send in to the Senior Lecturer, on or before the 1st day of June in each year, a statement proving that they are persons of limited means and entitled to compete for admission on the ground of poverty; and only those persons who appear to the Senior Lecturer to be qualified are permitted to compete. In case of failure to comply with this rule, the merits of the case are to be considered by the Senior Lecturer.

No candidates are admitted to the Sizarship Examination who (1) are already Matriculated Students of the University; *or*

(2) are Graduates of any Chartered University; *or* (3) are over nineteen on the 1st of June of the year in which they compete.

The Board may, if they think fit, award, independently of the Sizarship Examination, not more than one Sizarship in Mathematics and one in Classics to such members of the Junior Freshman Class as they may consider to have especially distinguished themselves since their matriculation, and to be otherwise suitable to be awarded a Sizarship. In this case no limit of age is imposed.

The Board offer Sizarships in Experimental Science, to be competed for by such candidates as can produce definite evidence that they have already received Laboratory instruction.

Students who enter College as Sizars are permitted to hold their Sizarships for four years. In the event of persons who are already Students of the College being admitted as Sizars, the duration of their Sizarships shall not exceed four years from the Sizarship Examination next succeeding their entrance into College. Sizars who fail to keep their class, or who drop a class without the express permission of the Board, *ipso facto*, vacate their Sizarships.

The Examination for Sizarships is held annually at the end of Trinity Term, and is marked in the Almanac for the year. The Examination commences at 9.30.

Sizarships in Mathematics, Classics, Experimental Science, Modern Languages, Hebrew, and Irish.—The Sizarship Examination lasts for two days, and 400 marks are assigned at it. The first day, and the morning of the second day, are devoted to the special subject, Mathematics, Classics, Experimental Science, Modern Languages, Hebrew, or Irish, and 300 marks assigned to it. The last afternoon is devoted (1) to an English Essay (counting 50 marks), for which all candidates, whether in Mathematics, Classics, Experimental Science, Modern Languages, Hebrew, or Irish, must compete; (2) for the candidates in Mathematics and Experimental Science, to an easy paper in Latin Composition and a *viva voce* Examination in a Latin and a Greek author of his own selection, it being permissible for candidates to substitute French or German for Greek; and (3) for the candidates in Classics, Modern Languages, Hebrew, and Irish, to a paper in Arithmetic and Algebra, and a *viva voce* Examination in Geometry (as in the Entrance Course); and this portion of the Examination will, in each case, count 50 marks. Candidates in Modern Languages must also pass a qualifying Examination in Latin, and candidates in Irish a qualifying Examination in Latin and in Greek, or French, or German, as arranged for the Entrance Course.

Classics.

First Morning.—Translation from Greek authors (unprescribed), 70 marks.

First Evening.—Translation from Latin authors (unprescribed), 70 marks.

During the first day the candidates are examined *vivâ voce* in one Greek and one Latin author, as prescribed below. The mark assigned to this *vivâ voce* Examination is 40. The prescribed authors are—

Any *three* books of Homer, *or* any *one* book of Thucydides.

Any *one* book of Livy, *or* any *one* of the following portions of Horace :—(*a*) Odes, (*b*) Satires, (*c*) Epistles, including the Ars Poetica.

[Candidates must send to the Senior Lecturer, at least a month before the Examination, notice of the portions of these authors in which they intend to present themselves.]

Second Morning.—Greek Prose Composition, 40 marks.
Latin Prose Composition, 40 marks.
Ancient History (*vivâ voce* in a class), 40 marks.

[Candidates are expected to know the principal facts in Greek History, and the Outlines of Greek Literature and Art, from the earliest times to 323 B.C. ; and the principal facts in Roman History, and the Outlines of Roman Literature, from the earliest times to 37 A.D.]

A paper in Greek and Latin Verse Composition is set as a voluntary exercise on the third morning. It counts 40 marks ; but no credit is given unless positive merit is shown.

Mathematics.

Geometry.—Deductions from Euclid.

Geometrical treatment of the general focal properties of conics with particular application to the ellipse and parabola.

The Methods of Coordinates, Graphs, Analytical Geometry of the Right Line, and of the circle in rectangular Cartesian coordinates.

Algebra.—Arithmetical and Geometrical Progression — Scales of Notation—Surds and Imaginary Quantities—Quadratic Equations and Simultaneous Equations of the second Degree—Permutations and Combinations — Binomial Theorem—Logarithms — Exponential and Logarithmic Series—Partial Fractions—Continued Fractions—Algebraic Series.

N.B.—Hall and Knight's Higher Algebra, chaps. i.–xvii. (inclusive), xxiii., xxiv., xxv., xxix., is recommended.

Theory of Equations.—Relation between the Roots and Coefficients of Equations—Elementary Symmetric Functions of the Roots—Transformation of Equations—Horner's Method of Solving Numerical Equations.

Trigonometry.—To the end of the Solution of Plane Triangles—De Moivre's Theorem—Exponential Forms of Trigonometric Functions—Trigonometric Series.

Elementary Mechanics.—Laws of motion ; composition and resolution of velocities, accelerations, and forces ; equilibrium under coplanar forces ; polygon of forces ; simple applications of graphic methods ; simple machines : work and energy.

Experimental Science.

Elementary Mathematics.—A Paper will be set in Elementary Mathematics. Such a knowledge of Mathematics will be expected as is required for a proper study of the Course in Experimental Science. Simple questions may be set in Mechanics, Hydrostatics, and Geometrical Optics. Candidates will be expected to be familiar with the use of *squared* paper, and to know how to plot their results on it.

Experimental Physics.—Measurement of length, area, volume, mass, and weight: density, time, velocity, acceleration, and pressure—Simpler phenomena of Heat, Light, and Sound.

There will be a Practical Examination as well as a Written Examination.

Chemistry.—General properties of substances—Mixtures and solutions—Processes employed in the Laboratory, such as evaporation, distillation, solution, crystallization, filtration—Effect of heat on solubility of solids and gases in water—Oxidation of elementary substances by heating in air or oxygen, and by other methods—Properties of oxygen and nitrogen and of the oxides of nitrogen—Atmospheric air, its composition and properties—Preparation and properties of the commoner acids and alkalies—Calcium carbonate, carbon dioxide, lime—Action of acids on metals—Hydrogen—Water—Chemical elements and compounds—Distinction between metals and non-metals, and between chemical compounds and mechanical mixtures—Volume of gas evolved by action of various acids on metals—Effect of temperature and pressure on the volume of a gas—Density of a gas—Calculation of the weight of a gas from its volume and density—Indestructibility of matter—Law of definite proportions—Law of equivalent weights.

There will be a Practical as well as a Written Examination.

Modern Languages.

One Sizarship is offered each year in Modern Languages, French and German.

The Examination will consist of passages (unprescribed) for translation from French and German, and of passages for Composition in both languages. The candidates will also be examined *vivâ voce* in the following authors:—

French, . .	C. Delavigne: Louis XI. (ed. Eve). Michelet: Louis XI. et Charles le Téméraire (ed. Ropes).
German, . .	Freytag: Der Staat Friedrichs des Grossen (Cambridge).

Sizarships in Hebrew.

To encourage the study of Hebrew, one Sizarship is usually given annually. The special Course will consist of the Latin Prose Composition and the *vivâ voce* portion of the Examination for Classical Sizarships, together with the following Course of Hebrew:—

Hebrew Grammar.
Exodus, Chaps. i.–xi. (inclusive).
Psalms, i.–xxiv. (inclusive).

In determining the election to the Hebrew Sizarship, equal weight is allowed to the answering in Classics and in Hebrew.

No Student is elected to a Sizarship for answering in Hebrew unless the Examiners report him to the Senior Lecturer as having positive merit of a high order.

Sizarships in Irish.

For the encouragement of the study of Irish, one Sizarship is usually given annually. The special Course will be as follows:—

(*a*) A thorough knowledge of Irish Grammar is required.

(*b*) Passages are set for Translation at sight from Irish into English, and from English into Irish.

(*c*) Candidates are examined *vivâ voce* in these books:—
Finn-sgéulta na h-Araibe.
Poems of Donnchadh Ruadh Mac Conmara (ed. Flannery).

The Board may elect to Sizarships in each year all candidates who display marked merit at the Sizarship Examination, irrespective of the number of vacancies created by the expiration of Sizarships previously awarded.

Reid Sizarships.—In the scheme approved by the Master of the Rolls, filed 7th August, 1888, it was directed that the income of the Reid Sizarship bequest should be applied to found additional Sizarships or Exhibitions in the nature of Sizarships, "not to exceed five in number, open only to Students of limited means, natives of the County of Kerry, who, having failed to obtain ordinary Sizarships, may be deemed to have shown sufficient merit. Such Exhibitions to be held on conditions similar in all respects to those upon which ordinary Sizarships are held in the said College, and not to preclude such Exhibitioners from obtaining any other Exhibitions or Prizes, for which an ordinary Sizar would be eligible, and the said College shall determine the annual stipend to be allowed to each such Exhibitioner, or the privileges in lieu of such stipend, in such way, as to place him, with respect to

exemption from fees, free commons and free rooms, on a footing similar to that of ordinary Sizars."[a]

UNDERGRADUATE COURSE.

5. *Explanation of Terminology.*

There are three Terms in each *Calendar* year, *i.e.*, Hilary Term, beginning on January 10, and ending on March 25; Trinity Term, beginning on April 15, and ending on June 30; and Michaelmas Term, beginning on October 10, and ending on December 20. If, however, Easter happens to fall within the limits of Hilary or of Trinity Term, that Term is increased by an additional week.

The Academic Year commences in the beginning of November, *i.e.*, with the Lectures of the Michaelmas Term. Afterwards, in the beginning of Hilary Term, there are the Hilary Term Examinations in the subjects of the Michaelmas Lectures. Then follow the Lectures of Hilary Term, and the Trinity Term Examinations, and finally the Lectures of Trinity Term and the Examinations of Michaelmas Term, which close the Academic Year, which therefore extends from November to November.

Freshmen and Sophisters.—During the first Academic Year, Students are called Junior Freshmen; during the second Academic Year, Senior Freshmen; during the third and fourth years, Junior and Senior Sophisters; then Junior, Middle, and Senior Bachelors; but a Student belonging to the Junior Bachelor Class is called a Candidate Bachelor, not a Junior Bachelor, until he has actually taken the B.A. Degree. Graduates who are of standing entitling them to take out the Degree of Master in Arts are called Candidate Masters. They are of this standing three years after they have *passed* the Examination for the Degree of B.A.

By a *rising Junior Freshman* is meant a Student who, having matriculated, has not yet entered on his actual Junior Freshman year, which begins in November.

At the commencement of each Term there is a general Pass Examination for each of the four academic classes, with the following exceptions:—The examination held at the end of the Senior Freshman year, or the Final Freshman Examination, commonly called the Little-Go, is held at the end of Trinity Term, and Supplemental Examinations are held in the following October

[a] It was also arranged that the residue (if any) of the income of the Reid Sizarship endowment might be applied in paying the usual fees to the Examiners at the Examinations for such Sizarships, and in such manner as the Board of Trinity College might think best calculated to encourage superior education in the said County, as for instance, by assigning from time to time stipends to such Schoolmasters as may distinguish themselves in preparing Students for Trinity College, Dublin, such stipends to be given on condition that such Master or Masters shall undertake to prepare, free of expense, as Day-Scholars, a certain number of boys of limited means for the Sizarship Examination of the College, or in such other way as to the said College may seem most effectual and expedient for the promotion of superior education in the said County.

and January. Also the Degree Examination is held in December at the end of the fourth year, when a student has become a Candidate Bachelor, and Supplemental Examinations are held in the following January and April.

At the beginning of each Term there are also Honor Examinations in the various Honor Schools.

In each Term the undergraduate Lectures in Arts, both those of the Pass course and those of the Honor Schools, commence after the general Pass examinations of the several classes are over.

A Student is said to have credit for a Term by Lectures or to have kept a Term by Lectures when he has attended with diligence the Lectures prescribed for that Term. He is said to have kept a term by Examination when he has passed an Examination in the subjects of the Lectures prescribed for that Term. Thus, for example, a Student keeps Michaelmas Term by Lectures when he attends the Lectures given daily during Michaelmas Term; and he keeps Michaelmas Term by Examination when he passes the Examination in the same Courses held at the beginning of the succeeding Hilary Term. Two Terms are said to be distinct when they are not kept by Lectures and by Examination in the same courses; for example, when a Junior Freshman attends Lectures in Michaelmas Term, and passes the Hilary Examination in January or the Supplemental Hilary Examination in June, he does not thereby get credit for two distinct Terms.

6. *Course of Study.*

In order to obtain the Degree of B.A., or Bachelor in Arts, a Student, unless exempted, is required to keep *every* Term by Lectures, and is not required to keep every Term by examination, but must keep one Term by Examination in the Junior Freshman year, pass the Final Freshman Examination, keep one Term by Examination in the Junior Sophister Year, and pass the Degree Examination. In the normal course a Student keeps a Term by Lectures when he attends with diligence the prescribed Pass Lectures; but he may substitute Honor Lectures for the Pass Lectures in the same subject, and if properly qualified (see § 16) may keep his Term by attending one Course alone of Honor Lectures. Also under the Regulations laid down in § 16, Honor Students properly qualified may obtain credit for a Term by Examination if they obtain a First Honor at a Term Prize, or Honor Examination. Professional Students also are allowed to substitute in the Sophister years the lectures of their Schools for one of the courses of Lectures required from other Students. Also the Lecture Committee is empowered to allow a Student to substitute other Lectures for the Pass Lectures, if application is made to them through the Tutor of the Student, and if they

deem the reason adequate, and consider the substitution desirable in the interests of the Student.

7. *Exemptions from Attendance on Lectures.*

In dealing with exemptions from the regulation that Students must keep every Lecture Term, it is laid down as a fundamental rule that to obtain the B.A. Degree all Students except Medical Students must obtain credit for the following minimum of eight Terms, viz. :—They must keep one Term by Examination in the Junior Freshman year, pass the Final Freshman Examination, keep one Term by Examination in the Junior Sophister year, pass the Degree Examination, obtain credit for two other distinct Terms either by Lectures or by Examination in the Freshman years, one of which must be in the Senior Freshman year, and obtain credit for two other distinct Terms either by Lectures or by Examination in the Sophister years, one of which must be in the Senior Sophister year.

For privileges granted to Honor Students see § 16.

A special Course in Arts has been arranged for Medical Students.

Students while attending in full the Lectures of the Professional School of Divinity, or Engineering, or the Indian Civil Service, or the Army, or Agriculture, or Forestry, are not required to keep every Term by Lectures, but may omit keeping a particular Term, provided that they keep the above minimum of eight Terms. In every Term, however, in which they do not intend to keep the Term by Lectures, they must give information to the Senior Lecturer, so that an entry of their professional qualification may be inserted in the Term Book.

In the case of other students who, owing to their circumstances, seek exemption from keeping a particular term by Lectures, it is provided that, on sufficient reason being shown, the Lecture Committee may either allow a student to keep the Term by Examination instead of by Lectures, or, if they think fit, grant him complete exemption from attendance on Lectures during the Term. Such students must submit their reasons to their Tutors, who must lay them in writing before the Lecture Committee, at least one week before Lectures begin, and if in their opinion the reasons are sufficient, an entry to that effect will be made in the Term Book.

Before entrance a Student may apply for permission to keep Terms by Examination alone to the Lecture Committee through the Senior Lecturer or the Tutor under whom he intends to enter; but if permission be granted, after Entrance it will be necessary for him formally to renew the application each Term through his Tutor, in order to show the continued existence of the reasons which justified the permission originally.

A student against whose name there is not a satisfactory entry covering each Lecture Term of the Academic year, does not rise with his class.

It is not intended to deprive non-resident students of the possibility of obtaining the B.A. Degree by examination alone, but this concession will be granted only to students who satisfy as above the Lecture Committee that their reasons for non-attendance at Lectures are sufficient, and such students will have to keep the minimum number of eight Terms by examination (making with the Entrance nine examinations in all).

8. A Junior Freshman or a Junior Sophister who fails to obtain credit for the compulsory examination of his year loses his class, but in other cases where a student fails to keep the exercises necessary to rise in November to the next higher class, he may, with the permission of the Lecture Committee, retain his class by keeping certain supplemental Terms. In all such cases application must be made through the Senior Lecturer.

When a Student loses his class, he retains credit for all the Terms he has already kept, but unless exempted must conform to the rule of keeping every Term by Lectures so long as his name remains on the College Books.

A student who desires to avail himself, to the full extent, of the benefit of a University Education, should, in addition to the Ordinary Course, take the Lectures and Examinations in some one or more of the various Honor and Prize Courses. He is also permitted to attend such of the Professional Lectures as deal with subjects of interest to him.

9. *Abridgment of Course of Study or Saving a Year.*

The regular period of Study extends over four years, but there are provisions by which a Student can obtain his Degree in less than four calendar years; for instance, under certain circumstances, a Student entering in October may obtain his Degree in about two years and eight months.

A Student who enters before the 21st of March in any year is placed in the Junior Freshman Class which commenced in the previous November, and a Student who enters on or after the 21st of March is in the ordinary course placed in the class which commences in the succeeding November. But a Student entering on or after the 21st of March and before the Junior Freshman Examination in October is permitted to join the existing Junior Freshman Class (*i.e.* that formed in the previous November) on payment of the half-yearly fee of ten guineas paid in April by members of that class; and if he passes the Trinity Term Examination, or the Hilary Supplemental Examination, or the

Michaelmas Examination, and has, unless exempted, kept Trinity Term by Lectures, should he have entered before they commence, he will begin the Senior Freshman year in the November succeeding his Entrance. Such a Student is said to have saved his year, and it will be necessary for him, as for any other member of the Class, to pay a second half-yearly Fee on or before the Friday before the first Saturday in November. Thus the total amount of the Fees payable during the Course is the same whether the year be saved or not.

In the Senior Sophister year a somewhat similar advantage is sometimes granted. A Student who obtains the necessary permission from the Senior Lecturer (see § 13) is allowed to rise from the Senior Sophister Class to the Candidate Bachelor Class in the June instead of the November of his Senior Sophister year on payment of the Fees necessary to entitle him to be placed in that Class, and is then permitted to answer for his Degree in June. The names of such Students are kept on the books until the following June without further payment, and the total amount of the Fees payable is not increased. Such permission will be always granted to Students who have kept all the Terms since Entrance by Lectures.

10. The following rules repeat in detail the Academic exercises required from Students in each of the Undergraduate years:—

Junior Freshman Year.

In the Junior Freshman year, a Student *must* obtain credit for one Term *by Examination*, otherwise he will not be allowed to become a Senior Freshman in November, but will be put down to the Class then commencing the Junior Freshman year.

Unless exempted, he must also have kept every Term after his Entrance by Lectures.

For the regulations with regard to the keeping of Catechetical Terms, which is optional, see Catechetical Course.

In June there is a Supplemental Examination in the subjects of the Hilary Examination, but only Students who have not already credit for a Term *Examination* are permitted to present themselves at this Examination. (Students who are exempted should observe that attendance on the Michaelmas Term Lectures and passing the Supplemental Hilary Examination in June do not entitle them to credit for two distinct Terms.)

11. Senior Freshman Year.

To rise with his class (*i.e.* to become a Junior Sophister in the November which ends his Senior Freshman year), a Senior Freshman must, in addition to the compulsory Junior Freshman Examination, have kept two other distinct Terms either by Lectures or by Examination before the Lectures in the Trinity Term of his Senior Freshman year, and one of these Terms must

be in the Senior Freshman year. He must also pass the Final Freshman Examination, or Little-Go, held at the end of Trinity Term, or the Supplemental Examination held at the beginning of Michaelmas Term, and unless exempted must have kept the three Terms of his Senior Freshman year by Lectures.

In case of failure to keep the required Exercises, see § 8.

For the regulations with regard to the keeping of Catechetical Terms, which is optional, see Catechetical Course.

In the case of Army Candidates permission is occasionally given by the Board to come up for the Final Freshman Examination in the April preceding the regular date. Such Students must then pay both the April and November Fees.

A Student who fails to pass the Final Freshman Examination in his Senior Freshman year may supplement it in the following January, and shall attend in Michaelmas Term such Lectures as the Senior Lecturer may consider advisable. If he passes in January, he proceeds with his Junior Sophister year; but if he fails, he is degraded to the Senior Freshman Class, and attends such Lectures as the Senior Lecturer may prescribe.

No Senior Freshman Student can be awarded a Prize at the Michaelmas Examinations of his Class unless he has passed the Final Freshman Examination.

12. Junior Sophister Year.

In the Junior Sophister year, a Student *must* obtain credit for one Term *by Examination*; otherwise he will not be allowed to become a Senior Sophister in November, but will be put down to the Class then commencing the Junior Sophister year. Unless exempted he must also have kept the three Terms of the Junior Sophister year by Lectures.

Senior Sophister Year, and Degree Examination.

13. In addition to the compulsory Examination of the Junior Sophister year, a Senior Sophister must keep two other distinct terms before the Trinity Lectures of his Senior Sophister year, and one of these Terms must be in the Senior Sophister year. Also unless exempted he must have kept the three Terms of his Senior Sophister year by Lectures.

Senior Sophisters who have satisfied these requirements are raised in November to the Candidate Bachelor Class, and may compete for the Degree Examination in the following December or January or April.

By the special permission of the Senior Lecturer, they may also be raised in June to the standing of Candidate Bachelors on payment of the half-yearly fee due before a Student becomes a Candidate Bachelor, and they would then be entitled to present themselves at the Degree Examination in June. The names of such Students remain on the College Books till the first Saturday in the succeeding June. Such

permission, however, is not extended to Students who have to keep an Examination in Trinity Term in order to qualify for admission to the Examination for Degree.

In granting this permission regard is had to the merit which the Student has shown at the Final Freshman and other Examinations, as well as the importance to the Student of obtaining the Degree at the earlier date. As stated before, such permission will always be granted to Students who have kept all the Lecture Terms since Entrance. Students seeking this privilege must make application to the Senior Lecturer on or before June 1.

In cases of extreme urgency the Board sometimes allow Senior Sophisters to be raised to the Candidate Bachelor Class and answer for their Degree in April.

A Senior Sophister who has not satisfied the above requirements may by permission of the Senior Lecturer be raised provisionally to the Candidate Bachelor Class, on condition of his performing such supplemental exercises as the Senior Lecturer may prescribe, and he may (provided his name is on the College Books) proceed to the Degree Examination in any Term subsequent to that in which he has completed the exercises.

No Student is entitled to present himself as a candidate at the Moderatorship or December Degree Examinations of his class unless he has by the end of Trinity Term kept all the Terms required before the Degree Examination; but in exceptional cases he may be allowed to do so by special permission of the Board, provided that he has performed such supplemental exercises as may be necessary to entitle him to sit for the Degree Examination.

Mode of obtaining Credit for the various Terms.

As stated in § 5, Terms may be kept by Examination or by Lectures.

14. *Keeping of Arts Terms by Examination.*

Students are not allowed to present themselves at Ordinary Examinations without notice to be given to the Senior Lecturer not later than fourteen days before the first day of the examination, provided that tardy notice may be accepted up to eight days before the examination on payment of a fine of 2*s.* 6*d.* to accompany the notice for every day in arrear. No notice shall be accepted in any circumstances unless it has been given eight days before the examination

Notice must be given on the form provided for the purpose.

A Student presenting himself for Examination is required by the Senior Lecturer to answer satisfactorily in each separate subject, or group of allied subjects, for which he is liable. A slight deficiency in one subject may, however, be counterbalanced by marked proficiency in others, provided the previous record of the

Student does not indicate persistent neglect of the deficient subject. Special attention is paid to the mark in English Composition.

The name of a Student presenting himself at an Examination must be on the College books *before the day of that Examination.*

The June Final Freshman Examination and the June and December Degree Examinations last three days; all the other Term or Supplemental Degree Examinations last for two days. On the first day papers are set; on the second day the candidates are examined *vivâ voce*, and further papers may also be set. Term Examinations commence in the forenoon at half-past nine, and in the afternoon at two o'clock; on the *vivâ voce* days a Student must remain in the Examination Hall until all his *vivâ voce* Examinations are completed.

Students must wear academicals at all Arts Examinations other than Entrance and Sizarship.

Students residing habitually at a distance from Dublin, and coming to Dublin to attend the Examinations of their Class, may put their names on Commons on the days on which these Examinations are held. They should communicate with the Clerk of the Buttery at or shortly after 12 o'clock on the day of the Examination.

A programme, giving the hours at which the different papers are set, is posted on the notice board at the Front Gate, a day or two before the Examination.

A Student who obtains a Moderatorship is not required to compete at the ordinary Degree Examination.

15. *Keeping of Arts Terms by Lectures.*

Students in order to obtain credit for a Term by attendance at Tutorial Lectures are required to attend five-sixths of the number of Lectures appointed for the Term; but the Senior Lecturer may on the recommendation of their Lecturer, and without reference to the Board, grant terms to Students who shall have attended not less than three-fourths of the whole.

When attendance on two different branches of one subject is required (*e.g.*, French and Latin), the Student must attend at least five-sixths of the total number of Lectures, and must attend at least three-fourths of the number given by each Lecturer severally.

Students seeking credit for a Term by Lectures must, at the commencement of such Term, register with the Clerk of the Books their places of residence for that Term, and during Term notify any change of residence. If this rule be not observed, credit for the Term cannot be allowed.

Students keeping the Term by Lectures can ascertain the hours at which they are to attend, as well as the names of their Lecturers, from the notices posted at their Tutors' Rooms.

Students may obtain credit for their Terms in Modern Languages,

by attending any official Term of Lectures in the subject, irrespective of Class.

Terms may also be kept by attendance on Lectures in the Indian and Home Civil Service School, which see.

No Lectures are given on days marked thus (†) in the Almanac.

The Lectures, both Ordinary and Honor, are, as a rule, chiefly devoted to the new business of the Term.

16. *Privileges of Honor Students.*

As stated before, in any Term of any year students may substitute an Honor Course of Lectures for the corresponding ordinary Lectures. In the Freshman years Honor Lectures in Logic may be substituted for the ordinary Lectures in Mathematics.

Any student who shall have obtained 30 per cent. in Mathematics, in English Composition, in Latin, and in Greek *or* French *or* German at the Junior Exhibition Examination will be allowed in the two Freshman years to keep a Term by Lectures (on the written recommendation of the Lecturer) if he attends with diligence a course or courses of Honor Lectures, consisting of not less than five lectures weekly; and if he obtains an Honor in any subject, he will be allowed credit for a Term by Examination, except for the Final Freshman Examination. In the case of Modern Literature, students claiming the above privilege are required to take two out of the four subjects of the course, viz.: English Literature, French, German, or Italian.

Junior Sophisters may obtain credit for a Term by Lectures by attendance to the satisfaction of the Lecturer or Lecturers at any complete course of Honor Lectures.

Senior Sophisters who obtained an Honor in the Junior Sophister year may obtain credit for a Term by Lectures by attendance to the satisfaction of the Lecturer or Lecturers on any group of Honor Lectures corresponding to a Moderatorship Course.

Sophisters may obtain credit for a Term by Examination (other than the Degree Examination) by obtaining a first Honor in any course or group of courses corresponding to a Moderatorship Course.

NOTE.—Only such courses of Lectures or groups of courses as consist of not less than five Lectures weekly are recognised as giving exemption under the foregoing rules.

In all cases in which credit for Term by Lectures is sought under the foregoing rules, students must notify the fact to the Lecturer at the beginning of Lecture Term. If at the end of Term the Lecturer is satisfied that such students are entitled to credit for the Term, he will make a written recommendation to that effect to the Senior Lecturer.

17. *Catechetical Terms.*

The Catechetical Examinations are held on the day following the Term Examinations.

Catechetical Terms may be kept by Lectures, which commence at 9.30 a.m. in the Examination Hall on the days appointed

in the Almanac, and are continued at the same hour on the succeeding Saturdays.

18. The Languages required during the Freshman years, in addition to Latin, are one of the following:—Greek, French, German.

By permission of the Senior Lecturer, a student may be allowed to present Italian, Spanish, or Russian, as a Modern Language at any ordinary Examination. The courses in Italian and Spanish are given in § 34.

The Examinations in Modern Languages are partly *vivâ voce* in the prescribed books; and partly by papers containing passages (unprescribed) for translation from these languages, and passages for translation from English into the same.

Latin Composition forms a part of every Latin Examination. In the translation of selected passages from the Classical authors, separate weight will be allowed for the style of the English Composition.

The books named under English Composition are intended to supply subjects for English Composition. A few questions will also be set on the substance of the books.

The letters *p.* or *v. v.*, or *p.* & *v. v.*, added in parentheses after a subject in the Freshman years, denote that the Examination in that subject is usually conducted by *papers*, or *vivâ voce*, or in *both ways*.

19. Junior Freshman Year.

Throughout the Junior Freshman year, a Student without Privileges, keeping a Term by Examination, must answer in all the prescribed subjects; and keeping a Term by Lectures, must attend two Courses of Lectures, one Course in Science and one in Languages.

Subjects for Michaelmas Lectures and Hilary Examination.

MATHEMATICS, ... Geometry: as in the Course for Entrance with additional practical constructions; and the Course comprised in Euclid, Book VI., but proofs which apply only to commensurable quantities will also be accepted, so that ratios may be dealt with by the ordinary processes of arithmetic. Students, however, should be able to recognize why such proofs are not immediately applicable to incommensurables. A more detailed syllabus can be obtained on application (*p.* & *v. v.*).

Arithmetic. Algebra, the first Four Rules, Fractions, Surds, Simple and Quadratic Equations (*p.*).

Subjects for Michaelmas Lectures and Hilary Examination—*continued.*

LANGUAGES (*p.* & *v. v.*), . .	Latin, Horace, Odes III., IV., with Latin Composition, *and one of the following*: Greek, Xenophon, Hellenica, Bk. i. French, Mérimée, Colomba. German, Liliencron, Umzingelt (Oxford).
ENGLISH COMPOSITION, . .	Sir Walter Scott, Quentin Durward; *or*, Selections from Tennyson, Tiresias and other Poems (ed. Rowe and Webb) (*p.*).

Subjects for Hilary Lectures and Trinity Examination.

MATHEMATICS, ...	Geometry, as before (*p.* & *v. v.*). Arithmetic and Algebra, as before (*p.*). Trigonometry, to the end of Solution of Plane Triangles (*p.*).
LANGUAGES (*p.* & *v. v.*), . .	Latin, Virgil, Æneid, Bks. II. and VII., with Latin Composition, *and one of the following*: Greek, Homer, Odyssey VI., IX. French, About, Le Roi des Montagnes. German, Dehmel, Das grüne Haus (Oxford).
ENGLISH COMPOSITION, . .	Sir Walter Scott, Marmion; *or*, De Quincey, English Mail Coach and Revolt of the Tartars (*p.*).

Subjects for Trinity Lectures and Michaelmas Examination.

MATHEMATICS, ...	Geometry as before (*p.* & *v. v.*). Arithmetic and Algebra, as before (*p.*). Trigonometry, with the use of Logarithms (*p.*).
LANGUAGES (*p.* & *v. v.*), . .	Latin, Livy, Book XXI., with Latin Composition, *and one of the following*: Greek, Plato, Apologia Socratis. French, Michelet, Jeanne d'Arc (Hachette). German, Die hundert besten Gedichte (Gowans and Gray).
ENGLISH COMPOSITION, . .	Shakspere, Twelfth Night. Addison, Spectator Club Papers (in T. Arnold's Selections from the *Spectator*) (*p.*).

20. Senior Freshman Year.

Throughout the Senior Freshman year, a Student without Privileges, keeping a Term by Examination, must answer in all the prescribed subjects; and keeping a Term by Lectures, must attend two Courses of Lectures—one Course in Science, and one in Languages.

Subjects for Michaelmas Lectures and Hilary Examination.

MATHEMATICS, . . .	Geometry, as before, with the application of geometrical methods to incommensurable, as well as to commensurable magnitudes (*v. v.*). Arithmetic and Algebra, as before (*p.*). Trigonometry, as before (*p.*).
LOGIC, ...	Abbott's Elements of Logic (*p.* & *v. v.*).
LANGUAGES (*p.* & *v. v.*),	Latin, Sallust, Catiline, with Latin Composition, *and one of the following* :— Greek, Herodotus, Book VIII., to end of chap. 99. French, G. Sand, La Mare au Diable. German, Lessing, Minna von Barnhelm.
ENGLISH COMPOSITION,	Macaulay, Essays on Hampden and Warren Hastings. Goldsmith, The Good-natured Man (*p.*).

Subjects for Hilary Lectures and Trinity Examination.

MATHEMATICS, . . .	Geometry, as before (*v. v.*). Arithmetic and Algebra, as before (*p.*). Trigonometry, as before (*p.*).
LOGIC, ...	As before (*p.* & *v. v.*).
MATHEMATICAL PHYSICS,	Statics :—Composition and Resolution of (*a*) Forces meeting in a point, (*b*) Parallel Forces. Moments. Couples. Centre of Parallel Forces and of Gravity. General conditions of equilibrium of coplanar Forces. Friction. Work. Simple Machines (*p.* & *v. v.*).
LANGUAGES (*p.* & *v. v.*),	Latin, Plautus, Trinummus, with Latin Composition, *and one of the following* :— Greek, Euripides, Alcestis. French, Berthon, Specimens of Modern French Verse. German, Balladen und Romanzen, pp. 1–93 (Macmillan).
ENGLISH COMPOSITION,	George Eliot, Scenes of Clerical Life. Macaulay, History of England, chap. iii.

Subjects for Trinity Lectures and the Final Freshman Examination.

MATHEMATICS, . . . Geometry, as before (*v. v.*).
Arithmetic and Algebra, as before (*p.*).
Trigonometry, as before (*p.*).

LOGIC, ... As before (*p.* & *v. v.*).

MATHEMATICAL PHYSICS, Statics, as before.
Dynamics:—Velocity and Acceleration. Motion in a straight line. Mass, Force, and Weight. Connexion between Mass and Weight of the same body. Absolute Unit, Poundal. Composition and Resolution of Velocities, Accelerations, and Forces. Motion of a particle on smooth and rough inclined planes. Equality of Action and Reaction. Atwood's Machine and other simple cases of rectilinear motion of two bodies connected by an inextensible string passing over a smooth pulley. Projectiles. Momentum and Impulse. Impact or Collision. Uniform circular Motion. Harmonic Motion. Pendulum and determination of *g*. Work, Energy, and Horse-power (*p.* & *v. v.*).

LANGUAGES (*p.* & *v. v.*), Latin, Virgil, Æneid, Books IV., VI., with Latin Composition, *and one of the following*:—
Greek, Homer, Iliad, Books XXII., XXIV.
French, Vigny, Cinq Mars, Part II.
German, Freytag, Die Journalisten.

ENGLISH COMPOSITION, Shakspere, Richard III. Thackeray, English Humourists (*p.*).

At each Final Freshman Examination those Students who obtain 40 *per cent.* and upwards, and whose answering in the several subjects is considered satisfactory by the Senior Lecturer, are distributed into three Classes, the names in each Class being arranged in the order of the percentages obtained. The minimum standards of Classes are:—First Class, 60 *per cent.*; Second Class, 50 *per cent.*; Third Class, 40. Of the remaining Candidates, those whose answering is considered by the Senior Lecturer to be sufficient are allowed the Examination, and their names are arranged in alphabetical order as Unclassed Candidates.

The Jellett Prizes for General Answering, value £5 and £3 respectively, are awarded on the result of this Examination (see "Jellett Prizes").

The award of the Senior Exhibitions depends partly on the marks obtained at this Examination (see "Senior Exhibitions").

21. Privileges of Students in the Freshman Years.

(*a*) For privileges granted to Honor Students, see § 16.

(*b*) A special Arts Course has been arranged for Medical and Dental Students. See "Arts Course of Medical and Dental Students."

(*c*) Junior Class Engineering Students may substitute the Mathematical Lectures of the Engineering School for the Ordinary Science Lectures of the Junior Freshman or of the Senior Freshman Year.

22. Junior Sophister Year.

In the Junior Sophister Year the subjects for Lectures and Examinations are divided into Groups A, B, C, D, E; see § 25.

Keeping of Terms by Lectures.

A student without Professional Privileges obtains credit for a Term by attending courses of Lectures in two subjects which must be chosen from different groups.

The subjects on which Lectures are delivered each Term are given in § 25.

Each of the five languages, Greek, Latin, French, German, Irish, is represented by one half-course of Lectures, and attendance on two half-courses is necessary to keep the Term in Languages.

To obtain credit in Experimental Physics or Chemistry, Junior Sophisters must attend Lectures as well as Laboratory Instruction. A fee of one guinea must be paid to the Junior Bursar for each Term for Laboratory Instruction in Chemistry.[a] The Term in Experimental Physics or Chemistry cannot be kept by attendance on Lectures during Trinity Term.

In the Senior Sophister year a student cannot keep a Term *by Lectures* in a subject of Group D unless he has, as a Junior Sophister, kept at least one Term in the same subject. No such restriction, however, applies to Examinations.

To obtain credit in History, Junior Sophisters must attend the Lectures in Constitutional History and in Economic History, and must pass an examination in the work of the Term.

The arrangements as to all Lectures in subjects by attendance on which Terms may be kept are posted on the Tutors' doors some days before Lectures begin.

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[a] Students in Arts may attend the Lectures in Chemistry without payment for the same, but shall pay a fee of one guinea per Term for Laboratory Practice and Instruction, being liable, in addition, to pay for breakages; and persons not on the College Books, if admitted by the Board, shall pay two and a half guineas per Term for Lectures and Laboratory Practice and Instruction.

Keeping of Terms by Examination.

In order to get credit for any examination, a Junior Sophister must pass in English Composition and in three subjects, not more than two of which may belong to the same Group.

In the Sophister years the examination in every course except English Composition is usually conducted both *by papers* and *vivâ voce*.

Any two of the five languages, Greek, Latin, French, German, Irish, count as one subject.

A Student selecting French or German will be required to write a translation from English into French or German, in addition to answering in the books named in § 25.

23. Professional Privileges.

Junior Sophisters, not Divinity Students, who are keeping a Term in Arts by Lectures (or by the Examination at the commencement of the following Term), can obtain Professional Privileges by—

(*a*) Attending, during the Term, three-fourths of the Lectures of two of the Professors of Law, and passing the Examination held at the conclusion of those Lectures.

Or,

(*b*) Attendance at three-fourths of the Professional Lectures of the Engineering School during the Term.

Or,

(*c*) Attendance, during the Term, as Candidates for Indian Civil Service, on two full Courses of the Special Lectures provided by the College for such Candidates.

Or,

(*d*) Attendance, during the Term, as Students in the "Army School," on certain prescribed Courses of instruction.

Or,

(*e*) Attendance, during the Term, on three-fourths of each of three Courses of Lectures in the School of Agriculture.

But no Professional Privileges are allowed for a second attendance on the same course of Professional Lectures.

24. Junior Sophisters having Professional Privileges.

Keeping of Terms by Lectures.

A Junior Sophister having Professional Privileges obtains credit for a Term by attending Lectures in any one of the subjects as arranged for each Term ; see § 25.

Keeping of Terms by Examination.

A Junior Sophister having Professional Privileges obtains credit for a Term Examination by passing in English Composition, and in two subjects taken from different Groups; provided always that an Engineering student may take two subjects belonging to the same group, except in the case of Group D, from which he can select one subject only.

For the Arts Course of Medical and Dental Students, see under that heading.

25. Subjects for Lectures and Examinations in the Junior Sophister Year.

Subjects for Michaelmas Lectures.

A. Mathematical Physics.

B. Languages:—Greek, Latin, French, German, Irish. (Two languages to count as one subject.)

C. Logic.

D. Experimental Physics, Chemistry, Botany, Zoology. (Four subjects.)

E. History.

Subjects for Hilary Examination.

A. Mathematical Physics,

(Candidates must take all three sections.)

Mechanics:—as read in Senior Freshman year.

Hydrostatics:—Pressure at a point in a fluid. Resultant pressure over an area. Archimedes' Principle. Methods for determining specific gravity. Relation between the volume, pressure, and temperature of a gas. Weight of a given volume of a gas at a given temperature and pressure. Barometers. Diving-bell. Water Pumps. Air Pumps. The Siphon. Pressure Gauges. Balloons.

Optics:—Galbraith and Haughton's Manual.

B. Languages (two languages to count as one subject).

Greek, ...	Thucydides, Bk. vii.
Latin, ...	Tacitus, Agricola.
French, ...	Daudet, Contes du Lundi.
German, ...	Robertson, The Literature of Germany, pp. 73–143 (Home University Library); and Goethe, Hermann und Dorothea.
Irish, ...	Diarmuid ⁊ Gráinne, ed. O'Duv (Society for Preservation of the Iri Language).

C. Logic—Mill's Logic, Book II. and Book III., chaps. i to v.
D. Experimental Physics, Chemistry, Botany, and Zoology (detailed courses given below).
E. History—Robinson's *History of Western Europe* (Ginn & Co.), chaps. i to xxii, inclusive.
English Composition, . L. Stephen: Johnson (English Men of Letters Series). Bagehot: English Constitution (Introduction, and chapters 2, 3, 4, 6).

Subjects for Hilary Lectures.

A. Astronomy.
B. Languages:—Greek, Latin, French, German, Irish. (Two Languages to count as one subject.)
C. Logic.
D. Experimental Physics, Chemistry, Botany, Zoology. (Four subjects.)
E. History.

Subjects for Trinity Examination.

A. Mathematical Physics, { Mechanics, Hydrostatics, and Optics, as before.
Astronomy, ... { Parker's Astronomy (Longmans, Green, & Co.), chaps. i, ii, v, vi, vii, viii (omitting § 101), ix (to § 116 incl.), xi, and xii.

B. Languages (two languages count as one subject).

Greek, ...	Demosthenes, Olynthiacs I., II., III., and Philippic i.
Latin, ...	Juvenal, Sat. iii, iv, vii, viii, xiv.
French, ...	Balzac, Eugénie Grandet (in Oxford Higher French Series).
German, ...	Schiller: Wilhelm Tell.
Irish, ...	Stair Eamuinn Ui Chléire, pt. i.

C. Logic—Mill's Logic, Book III., chaps. i–v, vii–xiii, and xx.
Bacon's Novum Organum, Book I., Preface and Aphorisms, 1–69, 129, and 130.

D. Experimental Physics, Chemistry, Botany, Zoology. (Detailed courses given below).

E. History—Robinson's *History of Western Europe*, chaps. xxiii to end of volume.

English Composition, . . J. Morley: Walpole.
Bacon's Essays, the following selection:—Truth; Death; Revenge; Adversity; Goodness, and Goodness of Nature; Atheism; Superstition; Travel; Counsel; Innovations; Friendship; Discourse; Riches; Nature in Men; Custom and Education; Youth and Age; Studies.

Subjects for Trinity Lectures.

A. Astronomy (partly of a physical nature).

B. Languages:—Greek, Latin, French, German, Irish. (Two Languages to count as one subject.)

C. Psychology.

D. Experimental Physics, Chemistry, Botany, Zoology. (Four subjects.)

E. History. Education.

Subjects for Michaelmas Examination.

A. Mathematical Physics, As before.
Astronomy, ... As before, and Parker's Astronomy, chaps. iv and x, and Young's Manual of Astronomy, chaps. ii, vii, viii, ix, and xvi–xx.

B. Languages (two languages count as one subject).

Greek, ...	Æschylus, Prometheus Vinctus.
Latin, ...	Horace, Satires.
French, ...	R. Bazin, La Terre qui meurt.
German, ...	Goethe, Iphigenie auf Tauris.
Irish, ...	P. O'Leary, Séadna.

C. Psychology—Höffding's Outlines of Psychology; chaps. i–iv, and Sections A and B of chap. v.

D. Experimental Physics, Chemistry, Botany, and Zoology (detailed courses given below).

E. History—Green's *Short History of the English People*, from the Norman Conquest.
Education—Monroe, Text-book in the History of Education, chaps. i, iii, iv.
Culverwell, The Montessori Principles and Practice.
Drummond, The Child.

English Composition, . . Creighton: Queen Elizabeth. Dickens: A Tale of Two Cities.

26. Courses in Experimental Physics and Chemistry.

Experimental Physics.

Candidates must understand the theory of, and know how to use, the instruments mentioned. They must understand the principles involved in the measurements and experiments, and be able to make calculations founded on them. Courses are provided in the Physical Laboratory for Students requiring practical instruction in Physical Measurements. They are desired to pay special attention to the principle of the Conservation of Energy, as illustrated in the various branches of Experimental Physics.

Hilary Examination.

General Properties of Matter:

Measurement of space (length, area, volume), time and mass (vernier, micrometer screw, pendulum, balance).
Characteristics of solids, liquids, and gases (compression, and shearing strains and stresses).
Measurement of pressure (mercurial and aneroid barometer, liquid manometer).
Measurement of density (specific gravity bottle, hydrostatic balance, hydrometers of variable immersion).
Measurement of compressibility of gases (Boyle's tube).

Heat:

Measurement of temperature (construction of mercurial thermometers, centigrade and Fahrenheit scales, maximum and minimum thermometers).
Measurement of coefficients of expansion for temperature of solids, liquids, and gases (Roy and Ramsden's method for solids; Dulong's method, and apparent expansion in glass for liquids; air thermometer method for gases).
Maximum density of water (Hope's experiment).
Applications of expansion of solids (metallic thermometers, compensated pendulums, &c.).
Measurement of density of a gas (Regnault's experiments).
Measurement of quantities of heat.
Measurement of specific heats of solids (water calorimeters, Dulong and Petit's law).
Laws of fusion and evaporation (boiling, effect of presence of other gases, distilling).
Measurements of latent heats of fusion and evaporation (water calorimeter, Black's ice calorimeter).
Freezing mixtures, cooling by evaporation.
Measurement of mechanical equivalent of heat (Joule's experiment).

Trinity Examination.

As before, and in addition:—

Electricity:

Laws of magnetic force (torsion balance).
Laws of magnetic induction (magnets and magnetic substances).
Terrestrial magnetism (declination, dip).
Lines of force due to magnets and electric currents.
Laws of magnetic force due to electric currents (tangent galvanometers, electro-magnets, electric bell).
Ohm's law.
Measurement of resistances and specific resistance (Metre Bridge, Post Office Box)
Measurement of electromotive forces (high resistance galvanometers).

Laws of electrolysis (gas and copper voltameters, electroplating, lead batteries).
Electromotive force due to chemical action (zinc copper and dilute sulphuric acid, amalgamation).
Polarization of cells (bichromate, Daniell's, Grove's and Bunsen's and Le Clanché cells).
Peltier's thermo-electric effect (thermopile).

Michaelmas Examination.

As before, and in addition:—

Sound:

Simple vibration. Loudness, pitch, and tone.
Measurement of frequency.
Methods of maintaining vibrations, resonance.
Vibrations of bodies, loops and nodes, laws of vibration of stretched strings.
Transverse and longitudinal displacements, organ-pipes.
Wave motion, measurement of wave-length and velocity of propagation.
Musical intervals.

Light:

Light propagated in right lines, rays; pin optics.
Laws of reflection and refraction.
Measurement of angle between two reflecting surfaces.
Measurement of refractive index.
Mirrors and lenses, measurement of focal lengths.
Dispersion, spectrum analysis and selective absorption.
Photometry.

Chemistry.

The Examinations are confined to the leading facts and principles of the Science. Candidates are expected to be familiar with the methods used in the deduction of formulæ, and with the solution of such chemical problems as are referred to in the Course.

Hilary Examination.

Inorganic Chemistry:—the non-metals, hydrogen, oxygen, nitrogen, and the halogens, and the chief compounds which these elements form with each other. Elementary Chemical Theory.

Practical.—Preparation and identification of the gaseous and other substances included in the above Course.

Trinity Examination.

Carbon, silicon, sulphur, boron, phosphorus, and their chief compounds.

Practical.—As before, but including all non-metals, with systematic analysis for single acid radicles.

Michaelmas Examination.

The commonly occurring metals, and their more important compounds.

Practical.—Qualitative examination for a single metal.

27. Courses in Zoology and Botany.

Students are required to have a practical, as well as a theoretical, knowledge of the subjects of Examination.

HILARY EXAMINATION:—

ZOOLOGY, (1) . Beddard's Elementary Practical Zoology, chaps. i. and ii.

BOTANY, (2) . The structure (so far as may be made out by means of a simple lens) and arrangement of the vegetative and reproductive organs of Seed-Plants, as illustrated by the following types: the Wallflower (*Cheiranthus Cheiri*), the Lily (*Lilium candidum*), and the Fir (*Picea excelsa*).

Scott's Introduction to Structural Botany, Pt. I., pp. 1–26, 136–152, and 233–238.

TRINITY EXAMINATION:—

ZOOLOGY, (1) . As before; with Beddard, chaps. iv., v., and vi.

BOTANY, (2) . Outlines of the Physiology of Nutrition. The essential chemical constitution of Plants. The Nutrition of Green Plants. Relation to Light. Movement of materials in Plants. Respiration.

Scott: Pt. I., chap. iii.

MICHAELMAS EXAMINATION:—

ZOOLOGY, (1) . As before; with Beddard, chaps. viii. and x., omitting the pages on Skulls.

BOTANY, (2) . The arrangement of Tissues in Seed-Plants, as illustrated by the Wallflower, Lily, and Fir. The microscopic appearance and minute structure of tissues. The minute structure of the cells and modifications of cells found in these types. The nature of Protoplasm. The microscopic appearance of Pollen-grains, their growth and life-history. The minute structure of Ovules, Pollination, Fertilization, Production of Seeds.

Scott: Pt. I., pp. 26–141, 152–199, and 238–283.

28. Senior Sophister Year.

In the Senior Sophister year the subjects are divided, as in the Junior Sophister year, into Groups A, B, C, D, E. See § 31.

Keeping of Hilary or Trinity Term by Lectures.

In the Senior Sophister year a Student obtains credit for a Term by attending Courses of Lectures in two subjects which must be chosen from different Groups.

To obtain credit in Political and Economic Science, Senior Sophisters must attend the Lectures in Political Science and in Economics.

(1) Students are recommended to study in the Zoological Museum, as they are liable to be examined practically in such specimens as do not require the microscope for their recognition.

(2) Students are recommended to apply to the Professor of Botany for material illustrating the Course, as a practical acquaintance with the plants mentioned in the above Syllabus is indispensable.

In Experimental Physics and Chemistry, Laboratory attendance is necessary, as in the Junior Sophister year, and the arrangements as to Chemistry Fees are the same also.

No Senior Sophister can obtain credit for attendance on *Lectures* in Experimental Physics or Chemistry who has not obtained credit for a Junior Sophister Term in the same subject; and no Senior Sophister can obtain credit for attendance on *Lectures* in Geology who has not, as a Junior Sophister, obtained credit for Botany and Zoology. To keep the Term in a subject of Group D requires attendance during three days per week only.

Keeping Senior Sophister Terms by Examination, and passing the Degree Examination.

In order to get credit for the Hilary or Trinity Term Examination, or for the Degree Examination, a Senior Sophister must pass in English Composition, and in four other subjects, one at least of which must be taken from Groups A, B, or D.

At each Degree Examination, those Students who obtain 45 per cent. and upwards, and whose answering in the several subjects is considered satisfactory by the Senior Lecturer, are distributed into three Classes, the names in each Class being arranged in the order of the percentages obtained. The minimum standards for Classes are:—First Class, 65 *per cent.*; Second Class, 55 *per cent.*; Third Class, 45 *per cent.*

Of the remaining Candidates, those whose answering is considered by the Senior Lecturer to be sufficient are allowed the Examination, and their names are arranged in alphabetical order as Unclassed Candidates.

Candidates placed in the First Class who have passed in the full course for the Degree Examination without claiming Professional Privileges are called Respondents, and are entitled to receive honorary Testimoniums, which are publicly presented to them by the Chancellor or Vice-Chancellor, at the Commencements at which they are admitted to their Degrees, and their names are permanently recorded in the Calendar immediately after those of the Moderators.

Medical and Dental Students who claim Professional Privileges at the Degree Examination are classed according to the marks which they obtain in the Arts and in the Professional portions of this Examination, taken together.

The Degree can also be obtained on the result of the Moderatorship Examination: see § 34.

A Candidate whose name is on the books of the College, and who has passed the Degree Examination, can present himself at any Commencements, in order that the Degree may be conferred upon him, provided that he shall have paid the Degree Fee of two pounds to the Junior Bursar on the day before the Commencements *at latest*. If his name be not on the Books, he must also pay the Replacement Fee of fifteen shillings to the Junior Bursar.

29. Professional Privileges in the Senior Sophister Year.

At the Hilary and Trinity Examinations, *Divinity Students* obtain Professional Privileges if they have credit for full attendance on the Lectures of Archbishop King's Professor, or the Regius Professor, and one of the Assistants, during the Term preceding the Examination at which they present themselves; but at the Degree Examination they obtain Professional Privileges only if they have credit for a similar professional attendance for the *entire year* (*i. e.* the *three* Terms) either preceding the December Degree Examination of their Class,[a] or preceding the Degree Examination at which they present themselves.

At the Michaelmas and Hilary Lectures, and the Hilary and Trinity Examinations, *Law*, *Engineering*, *Indian Civil Service*, and *Agricultural Students* who fulfil the conditions in (*a*), (*b*), (*c*), or (*d*), of § 23, obtain Professional Privileges; but at the Degree Examination they obtain Professional Privileges only if they have credit for Professional attendance as specified in (*a*), (*b*), (*c*), or (*d*), § 23, for the *entire year* (*i.e.* the *three* Terms) either preceding the December Degree Examination of their Class,[a] or preceding the Degree Examination at which they present themselves; provided that, in the case of Law Students, they have also credit for the General Examination held in Trinity Term.

The Arts Course of *Medical* and *Dental Students* is given under that heading.

An Engineering Student who has passed his Engineering Degree Examination is granted Professional Privileges in his Senior Sophister year, and at his Degree Examination.

30. Senior Sophisters having Professional Privileges.

Keeping of Hilary or Trinity Term by Lectures.

In order to get credit for a Term of Lectures, a *Divinity Student* must attend Courses in two subjects from different Groups; one of these subjects must be either Greek and Latin, or Greek and Hebrew. Or he may substitute for Classical Lectures an Examination at the conclusion of the Lectures. The ordinary Lectures in Greek are on Mondays, Wednesdays, and Fridays, and in Latin on Tuesdays, Thursdays, and Saturdays in the Senior Sophister year. The Hebrew Lectures are on Tuesdays and Thursdays.

1. In order to get credit for a Term of Lectures, *any other Student who has Professional Privileges* shall attend a Course of Lectures in any one subject (except in the case of Law Students, Political and Economic Science, and in the case of Engineering Students, Experimental Physics and Chemistry.

[a] That is at the Michaelmas, Hilary, and Trinity Terms of their Senior Sophister Year.

Keeping of Hilary or Trinity Term by Examination, and passing of the Degree Examination.

Divinity Students having Professional Privileges may obtain credit for a Senior Sophister Term Examination, or for the Degree Examination, by passing in English Composition and in three subjects, one of which must be Classics.

In order to get credit for a Senior Sophister Term Examination, or for the Degree Examination, other students who have Professional Privileges must pass in English Composition and in three subjects. An Engineering Student may not take more than one subject from Group D.

31. Subjects for Lectures and Examinations in the Senior Sophister Year.

Subjects for Michaelmas, Hilary, and Trinity Lectures.

A. Mathematical Physics. Astronomy.
[These Lectures can be taken only by students who have not taken them as Junior Sophisters.]
B. Languages:—Greek, Latin, French, German, Irish. (Two languages to count as one subject.)
C. Psychology. Ethics.
D. Experimental Physics, Chemistry, Botany, Zoology, Geology. (Five subjects.)
E. Economics and Political Science. Education.

Subjects for Hilary Examination.

A. Mathematical Physics,	Mechanics, Hydrostatics, and Optics, as in Junior Sophister year.
Astronomy, ...	As before.
B. Languages (any two of the following five).	*Greek*—Aristotle, Nicomachean Ethics, Book II.
	Latin—Cicero, de Officiis, Book III.
	French—Taine, Voyage aux Pyrénées.
	German—Schiller, Wallenstein's Lager and Die Piccolomini.
	Irish—Oiöe Cloinne Tuireann (Society for Preservation of the Irish Language.)
C. Psychology, ...	Höffding's Outlines of Psychology, chaps. iv, vi, and vii.
D. Experimental Physics, Chemistry, Botany, Zoology, Geology,	As in Courses given below.
E. Political and Economic Science, ...	Ilbert's Parliament; J. S. Nicholson's Elements of Political Economy, Introduction, Book i., Book ii.
Education, . . .	Monroe, Text-book in the History of Education, chaps. v, vi.
	Bagley, The Educative Process.
	Dewey, The School and Child.
English Composition,	Benjamin Franklin: Autobiography.
	Crabbe: The Borough.

Subjects for Trinity Examination.

A. MATHEMATICAL PHYSICS, ASTRONOMY.	As before. As before.
B. LANGUAGES (any two of the following five),	*Greek*—Plutarch's Life of Pericles. *Latin*—Virgil, Georgics, I. IV. *French*—Sandeau, Mademoiselle de la Seiglière. Labiche et Martin, Le Voyage de M. Perrichon (ed. Wells, pub. Harrap). *German*—Schiller. Wallenstein's Tod. *Irish*—Bergin, Stories from Keating's History of Ireland.
C. ETHICS, ...	Plato's Republic, Book iv (English translation). Aristotle's Nicomachean Ethics, Books i and ii (English translation). Rogers's Short History of Ethics, Introduction and Part i.).
D. EXPERIMENTAL PHYSICS, CHEMISTRY, BOTANY, ZOOLOGY, GEOLOGY,	As in Courses given below.
E. POLITICAL AND ECONOMIC SCIENCE, ...	J. S. Mill's Representative Government (omitting chapters 8-12, inclusive). J. S. Nicholson's Elements of Political Economy, Book iii., Book iv., Book v.
EDUCATION, ...	Monroe, Text-book in the History of Education, chaps. vii, viii, ix, and x. Adams, Herbartian Psychology. Welton, Logical Bases of Education.
ENGLISH COMPOSITION,	Carlyle: Heroes (Lectures 3, 5, and 6). More: Utopia (English Translation).

Subjects for the Degree Examination.

A. MATHEMATICAL PHYSICS, . ASTRONOMY, ...	As before. As before.
B. LANGUAGES (any two of the following five),	*Greek*—Plato, De Republica, Book iii. *Latin*—Horace, Epistles, including the Art of Poetry. *French*—V. Hugo, Légende des Siècles (selection in Oxford Higher French Series). *German*—Faust, Erster Teil. *Irish*—Oiɔe Cloinne Uipniʒ and Oiɔe Cloinne Lin (Society for the Preservation of the Irish Language).
C. PSYCHOLOGY, ...	Höffding's Outlines of Psychology, chaps. i, ii, iii, iv, sections A and B of chap. v, and chaps. vi, vii.

Ethics, ...	As before, and Rogers's Short History of Ethics, Part II. Butler's Sermons i, ii, and iii, with Preface and Dissertation on Virtue. MacKenzie's Manual of Ethics, Books i and ii.
D. Experimental Physics, Chemistry, Botany, Zoology, Geology,	As in Courses given below.
E. Political and Economic Science, ...	The Courses appointed for Hilary and Trinity Examinations, together with S. Low's Governance of England.
Education, ...	Monroe, Text-book in the History of Education, chaps. xi to end. Spencer's Education — Intellectual, Moral, and Physical. Newman's Idea of a University Defined, Discourses v, vi, vii, in Part I, and in Part II, Discourses i, ii, and iii (omitting §§ 1, 2), and iv (omitting § 4). Culverwell, as before, omitting chap. vii. Bagley, as before, chaps. i–xv. Adams, as before, omitting chaps. iv, vii, viii, and ix.
English Composition, .	Shakspere: Julius Caesar. Seeley: Expansion of England.

32. Courses in Experimental Physics and Chemistry.

Experimental Physics.

(Hilary Examination.)

As before in Junior Sophister year, and in addition :—

General Properties of Matter :

Molecular theory of structure of solids, liquids, and gases (diffusion).
Measurement of elasticity of solids (stretching, torsion).
Calculation of work done by elastic forces.

Heat :

Measurement of relation of temperature and pressure of saturated vapours (manometer tube method).
Hygrometry (hygrometers, chemical, dew-point, wet and dry bulb).
Specific heat of a liquid (method of mixtures, cooling method).
Convection of heat (hot air and hot water warming apparatus).
Measurement of conductivity for bad conductors (cooling of jacketed hot water tin).
Conductivity and diffusivity of good conductors (Ingenhaus' experiment by melting wax).
Laws of Radiation (null method with thermopile).
Equality of radiating and absorbing powers.
Selective absorption of transparent bodies
General principle of steam-engine (furnace, boiler, cylinder, condenser, piston, crank, eccentric, slide valve).

(Trinity Examination.)

As before and in addition :—

Electricity :

Molecular nature of magnetism (broken magnets).
Comparison of moments of magnets (deflection method).
Measurement of pressure by potentiometer.
Internal resistance of cell, arrangement of cells.
Moving coil galvanometers.
Laws of electro-magnetic induction (Faraday's experiment, Arago's disc, Lenz's law, law of induced electro-motive force).
Machines transforming mechanical into electro-magnetic energy (Clarke's magneto, Gramme dynamo).
Machines transforming electro-magnetic into mechanical energy (dynamo used as motor, Morse telegraph, telephone and microphone).
Machine altering electro-magnetic energy (Ruhmkorff's coil).
Measurement of heat due to electric current (glow and arc lamps).

Electrostatics :

Laws of electric action (Coulomb's balance).
Distribution on conductor (proof plane, hollow conductor).
Induction (ice-pail experiment, Leyden jar).
Electroscopes.
Electric discharges (points, lightning conductors).
Cylinder and plate machines, electrophorus, induction machines.
Capacity of a conductor, comparison of two capacities.

(Degree Examination.)

As before.

Chemistry.

(Hilary Examination.)

The paraffins and their chief derivatives.

Practical.—Analysis of simple soluble and insoluble salts.

(Trinity Examination.)

The olefines and their chief derivatives. Urea. Fats ; saponification and hydrolysis. Sugars, starch, cellulose.

Practical.—As before, with identification of common organic acids.

(Degree Examination.)

Acetylene, benzene, and its more important derivatives. Pyridine, and its derivatives ; the alkaloids.

Practical.—As before, with identification of the commoner alkaloids.

33. Courses in Zoology, Botany, and Geology.

HILARY EXAMINATION.

ZOOLOGY (1)	All the work of the Junior Sophister Year, with Beddard, chaps. iii. and vii.
BOTANY, (2)	The Structure and Life-history of Ferns as illustrated by the Male Fern (*Aspidium Filix-mas*). The Structure and Life-history of a Moss, e.g. *Funaria hygrometrica*. Scott: Pt. II., pp. 37–77, and 126–145.
GEOLOGY, (3)	Watts' Geology for Beginners, chaps. i. to ix. inclusive, and xii.; or, the course lectured on by the Professor of Geology in Michaelmas Term.

TRINITY EXAMINATION.

ZOOLOGY, (1)	As before, with Beddard, chap. ix., and that part of chap. x. relating to skulls.
BOTANY, (2)	The structure, life-history, and mode of nutrition of Fungi, as illustrated by the Mushroom (*Agaricus campestris*), and the seedling-blight (*Pythium Baryanum*). Scott: Pt. II., pp. 216–228, 266–271.
GEOLOGY, (3)	Watts, chaps. xvi.–xxi. inclusive; or the Lectures of the Professor of Geology in Hilary Term.

DEGREE EXAMINATION.

ZOOLOGY, (1)	As before, with Beddard, chaps. xii., xiii., xiv.
BOTANY, (2)	All the work of the Junior and Senior Sophister Years. The external characteristics, microscopic structure, &c., modes of nutrition and reproduction of Algæ, as illustrated by *Pelvetia canaliculata* and *Spirogyra longata*. The chief characteristics of the great subdivisions of the Vegetable Kingdom. Scott: Part ii., pp. 168–174, 189–201, and 290–306.
GEOLOGY, (3)	Watts' Geology for Beginners. Parts specified for both Hilary and Trinity Examinations.

(1) Students are recommended to study in the Zoological Museum, as they are liable to be examined practically in such specimens as do not require the microscope for their recognition.

(2) Students are recommended to apply to the Professor of Botany for material illustrating the Course, as a practical acquaintance with the plants mentioned in the above Syllabus is indispensable.

(3) The Professor of Geology will, on application from the Student, give access to specimens illustrating the Course.

34. Courses in Italian and Spanish for Ordinary Examinations.

By permission of the Senior Lecturer, a student may be allowed to present Italian, Spanish, or Russian as a Modern Language at an ordinary Examination.

ITALIAN.

Junior Freshmen.

Hilary.—D'Annunzio: Prose Scelte (Milan, Treves); Selections (apply to the Professor of Romance Languages for details).
Trinity.—Carducci: Antologia Carducciana (Bologna, Zanichelli); Selections (apply to the Professor for details).
Michaelmas.—Leopardi: Prose Morali (Florence, Sansoni); Dialoghi only.

Senior Freshmen.

Hilary.—Le Cento Migliori Liriche (Gowans and Gray).
Trinity.—Fogazzaro: Piccolo mondo antico.
Michaelmas.—Tasso: Gerusalemme liberata, cantos i–vi.

Junior Sophisters.

Hilary.—Dante: Inferno.
Trinity.—Dante: Purgatorio.
Michaelmas.—Dante: Paradiso.

Senior Sophisters.

Hilary.—Giacosa: Il Conte rosso.
Trinity.—Poliziano: Le Stanze, L'Orfeo e le Rime.
Degree—Tasso: L'Aminta. Carducci: Saggi sul Tasso.

SPANISH.

Junior Freshmen.

Hilary.—Moratín: El Sí de las Niñas (Ginn).
Trinity.—Cervantes: El Licenciado Vidriera (ed. Peers, pub. Harrap).
Michaelmas.—Le Sage: Los Ladrones de Asturias (ed. Kirkpatrick, pub. Cambridge University Press).

Senior Freshmen.

Hilary—V. Blasco Ibáñez: Capítulos Escogidos (ed. Woolf, pub. Harrap).
Trinity.—Cervantes: Don Quijote, Selections (ed. Ford, pub. Harrap).
Michaelmas.—Azorín: Al Margen de los Clásicos (Madrid, Residencia de Estudiantes).

Junior Sophisters.

Hilary—Gil y Zárate: Guzmán el Bueno (ed. Primer, pub. Ginn).
Trinity.—Garcilaso de la Vega: Eglogas, Poesías Varias (Oxford University Press).
Michaelmas.—José de Armas: El Quijote y su Epoca (Madrid, Renacimiento).

* A Student taking lectures in Russian is charged a special fee of £2 2s. a Term.

SENIOR SOPHISTERS.

Hilary.—Calderon : El Alcalde de Zalamea (ed. Geddes, pub. Harrap).
Trinity.—Calderon : La Vida es Sueño (ed. Comfort, pub. American Book Co., New York).
Degree—Lope de Vega : La Moza de Cántaro ed. Stathers, pub. Henry Holt & Co., New York).

35. Honors and Prizes.

A number of Studentships, Scholarships, Exhibitions, Prizes, Honors, and Sizarships, are awarded each year to deserving Students, both in the Arts Course and in the Professional Schools. A summary of these is given further on ; see "Summary."

It is a condition precedent to the award of every Prize that sufficient merit must be shown.

Some of the Honors and Prizes specially connected with the regular Undergraduate Course are enumerated below. For further particulars concerning these and the other Prizes, see 'Honor Courses,' 'Scholarships,' 'Moderatorships,' and 'Special Prizes.'

For Prizes obtainable in connexion with Entrance, see § 4.

Prizes obtainable at Lectures.

In the Freshman years two premiums of the value of £1 10*s.* in books are awarded, one in each class, each Term, for proficiency in Classical Composition, on the recommendation of the Lecturer, to students who have attended not less than five-sixths of the Honor Lectures in Classics and in Classical Composition. No student can obtain more than one prize in any one academic year. Similar prizes are similarly awarded to students in French and to students in German.

The Professor of English Literature is authorized to recommend for two Prizes of the value of £1 10*s.* each in books, in Composition, the best Candidates among the Students attending his Class during the Term, one for Freshman Students and the other for Sophisters.

Catechetical Premiums.

Catechetical Premiums of the value of £2 in books are awarded in accordance with the conditions given under 'Catechetical Course.'

Term Honor and Prize Examinations.

In each Term, Examinations are held, at which Honors of the First and Second Rank are awarded to Candidates who exhibit sufficient merit. In Michaelmas Term, Prizes to the value of £4 and £2 are awarded to the Candidates who obtain First

and Second Honors respectively.[a] The successful Candidates can select Books, to the value of their Prizes, at the University Booksellers, and can have the College arms stamped on the covers of bound Books; in the case of Prizes in Experimental or Natural Science, Scientific Instruments, with an inscription thereon, may be substituted for books, if approved by the Senior Lecturer on the report of the Professor; or the successful Candidates may, on the recommendation of their Tutors to the Bursar, apply the amounts gained to the payment of their College Fees or Incidentals then due.[b]

The marks at certain of these Examinations count towards the Senior Exhibitions (see under 'Senior Exhibitions').

Subjects of Honor and Prize Examinations.

(*a*) Mathematics.
(*b*) Classics.
(*c*) Mental and Moral Philosophy.
(*d*) Experimental Science.
(*e*) Natural Science.
(*f*) History and Political Science.
(*g*) English Literature.
(*h*) French.
(*i*) German.
(*j*) Italian.
(*k*) Spanish.
(*l*) Legal and Political Science.
(*m*) Old and Middle Irish.

No Student who has dropped a Class will be allowed to present himself, as a Candidate for Honors, at any Examination, in a subject in which he has previously obtained Honors at the corresponding Examination of the Class from which he has dropped.

All students desiring to compete at any Honor or Prize Examination in any Term are required to give notice to the Senior Lecturer, at least one fortnight before the last day of Lectures in the preceding Term, of the particular Examinations at which they intend to present themselves.

The dates of Honor and Prize Examinations in any Term are not given in the Almanac, but, after the required notices have

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[a] Resolution of the Board:—

"It is ordered by the Board that the Students who obtain College Premiums may direct the College Booksellers to procure for them any suitable books as Premiums which continue to be offered for sale in the priced catalogues of London, Dublin, or Edinburgh, and at the prices marked in the said catalogues; and when the selling price of a book is recognised by the Trade as having fallen below the publication price, the College Booksellers are to supply the book at such recognised reduced price.

"This notice is to be printed and put in two conspicuous places in the Booksellers' Shops."

[b] Resolution of the Board:—

RESOLVED—"That within a fortnight after the returns of the Prizes or Premiums awarded at the Term Lectures or Term Examinations shall have been sent in to the Senior Lecturer or Catechist, any Student desirous of having his Prize or Premium utilised in the part payment of his Fees to College, shall send in his name to the Clerk of the Buttery, with the necessary authorization from his Tutor; and the Clerk of the Buttery shall send a list of these Students, with the money value of the Prize or Premium awarded to each, to the Bursar, and shall not send their names in the list of prizemen sent to the College Booksellers.

"That after a Student's name has been sent to the College Booksellers, in the list of those to whom Prizes or Premiums in books have been awarded, he shall not be permitted to utilise his Prize or Premium in the payment of Fees."

been received, a programme is published before the end of the preceding Term.

In special cases the Senior Lecturer may (should it be found possible) admit to Honor or Prize Examinations Candidates who have given tardy notice fourteen days before the date of the Examination, on payment of a fine to be fixed by him, not exceeding 20*s*.

Moderatorship and Medal Examination.

A Student who desires to graduate in Honors at the Degree may substitute one of the Moderatorship Examinations for the ordinary Degree Examination. Moderatorships are granted in groups of the subjects of the Honor Courses, and in Engineering Science.

Of the successful Candidates in the several departments, there are two ranks, called Senior and Junior Moderators.

The Senior Moderators receive gold medals, and the Junior Moderators silver medals; which are given to them publicly before the University, by the Chancellor or Vice-Chancellor, at the Commencements at which they are admitted to their Degrees. The first Senior Moderator in each department receives a large gold medal, if recommended by the Examiners and their recommendation be approved by the Board.

Prizes are also awarded to the Moderators in order of merit.

A Student who has dropped a Class after the Michaelmas Examination of the Junior Sophister year, or who has dropped more than one Class, will be allowed to compete at any of the Moderatorship Examinations, but, if successful, he will not be given a medal, nor will he be placed in order of merit amongst the Moderators, but will be added to the list as a Supplemental Moderator, Senior or Junior; and he will not be entitled to the Exhibition of £10, awarded to Scholars who become Senior Moderators (see under "Exhibitions awarded to Scholars").

A Student who would not be entitled to present himself at the ordinary Degree Examination until January, will not be permitted to compete for a Moderatorship unless he previously obtains the special permission of the Board.

A Student who fails in obtaining a Moderatorship may nevertheless be allowed the Degree on his answering at the Moderatorship Examination, provided a special recommendation to that effect be made by the Court of Examiners, and his name may then be placed at the foot of such class as the Senior Lecturer may determine.

No Student will be allowed to be a Candidate at the Moderatorship Examination unless his Fees for the current half-year shall have been paid before the first day of Examination.

All Candidates for Moderatorship are required to give notice to the Senior Lecturer of their intention to compete, stating the

Courses in which they desire to present themselves, and the Special Subjects (if any) which they are taking. This notice must be given on or before June 15th of the year in which they intend to compete.

The dates of each Moderatorship Examination are not published in the Almanac. The Senior Lecturer, after receiving the information required on *or before* June 15th, arranges the dates and periods of each Moderatorship Examination, and publishes them before the end of Trinity Term.

In arranging the time table for Moderatorship Examinations, care is taken to afford equal opportunities to candidates for Studentships.

It is the duty of the Courts of Examiners for the several Moderatorships to secure that in the case of alternative papers an approximately uniform standard shall be maintained.

A Student who has passed for his Degree, either at the ordinary Examination, or at a Moderatorship Examination at which he has failed to obtain a Moderatorship, will be allowed to compete for a Supplemental Moderatorship within two years. An extension of that period can be granted only by special permission of the Board.

A Graduate who has obtained a Moderatorship at his Degree shall be allowed to compete for a Supplemental Moderatorship in another subject in either of the two following years, he replacing his name for the Examination and paying the current half-yearly fee.

Catechetical Course.

Provision has been made for the religious instruction of Students. Catechetical Lectures commence on the days specified in the University Almanac, at half-past nine o'clock, and are continued on Saturdays during Term at the same hour, for the two Freshman Classes only. Catechetical Examinations are held at the beginning of each Term (immediately after the Term Examinations) for the benefit of those Students who have not been resident during the preceding Term.

Rules relating to Catechetical Terms and Examinations.

To get full credit for Catechetical Terms, with certificates of the same, four Terms are to be saved in the Freshman years, either by Lectures or by Examinations. Omitted Terms may be supplementalized in the Sophister years for special reasons to be approved of by the Catechist. In such cases credit for two Terms within the same College Term will only be given if one of the two is kept by Lectures and the other by Examination.

Parents and guardians who desire that students under their charge shall attend Catechetical Lectures or Examinations should notify the Catechist, who will inform them as to what lectures or examinations are attended.

To a Student who exhibits peculiar merit, either at Lectures or at an Examination, a Premium in books of the value of £2 is awarded, unless such a Premium has been previously obtained in the same year, in which case a Certificate is awarded instead.

The fact of having obtained a Prize in the earlier part of the year does not debar a Senior Freshman from being awarded one of the Prizes offered at the end of Trinity Term, or at the Michaelmas Examination.

At all Examinations for Catechetical Prizes there shall be a paper as well as an oral examination.

Catechetical Lectures and Examinations are conducted by (*a*) Fellows of the College, being Members of the Church of Ireland; (*b*) Professors or Lecturers in the Divinity School; (*c*) Ministers nominated by the Presbytery of Dublin whose names have been submitted to and approved of by the Board; and (*d*) by any Presbyterian Fellow of the College appointed by the Catechist.

The Board of Trinity College are willing, on due application being made to them by the heads of other religious denominations, to make similar arrangements for the religious instruction of Students of such denominations.

Subjects of Catechetical Examinations.—The following Table contains the subjects of the Catechetical Lectures and Examinations:—

N. B.—The subjects printed in Italics are to be considered as additional for Honors, and are not required generally.

JUNIOR FRESHMEN.

MICH. TERM AND HILARY EXAM.	The Gospel of St. Luke. *The three other Gospels.*
HILARY TERM AND TRINITY EXAM.	The Acts of the Apostles. *Paley's Horæ Paulinæ* (omitting xi–xv), *and Stalker's Life of St. Paul.*
TRINITY TERM AND MICH. EXAM.	"The Church Catechism Explained," by A. W. Robinson (Church of Ireland). *The Epistle to the Hebrews* (Church of Ireland). Dr. Alex. Whyte on the Shorter Catechism, Questions 82–107. (Presbyterian Church.) *Godet's Biblical Studies on the Old Testament.* Essays iv., v., vi. (Presbyterian Church.)

SENIOR FRESHMEN.

MICH. TERM AND HILARY EXAM.	Genesis, and the first twenty chapters of Exodus. *The remainder of Exodus, with the Books of Leviticus (chaps.* 10, 14, 16, 23, 24, 25), *Numbers, and Deuteronomy.*
HILARY TERM AND TRINITY EXAM.	The two Books of Samuel, and first eleven chapters of first Book of Kings. *The Books of Joshua, Judges, and Ruth.*
TRINITY TERM AND MICH. EXAM.	The first Book of Kings, chap. 12 to end, and the second Book of Kings (Church of Ireland). *The Books of Ezra, Nehemiah, Haggai, Zechariah,* chaps. 1–8, *and Malachi.* (Church of Ireland.) Lindsay, The Reformation, Parts i., ii., and iv. (Presbyterian Church.) *Godet's Lectures in defence of the Christian Faith, Essays* i., v., vi. (Presbyterian Church).

A system of Catechetical Examinations is extended over the two Sophister years, and the Catechist is authorized to grant a special Certificate to Students who have passed with credit four of these Examinations, of which two at least must be in the Senior Sophister year, one being the Michaelmas Examination of that year.

The Catechist is authorized to extend his Premiums to the Sophister Classes.

Sophister Candidates must give not less than one week's notice to the Catechist of their intention to sit for an Examination.

JUNIOR SOPHISTERS.

HILARY EXAM.,	Epistles to the Ephesians, Colossians, 1 Timothy, 2 Timothy, and Philemon. J. Armitage Robinson's The Study of the Gospels. (Church of Ireland.) Dr. James Moffatt's Paul and Paulinism. (Presbyterian Church.)

Trinity Exam., . .	Epistles to the Romans and Galatians. B. F. Westcott's The Bible in the Church. (Church of Ireland.) Dr. David Brown's Handbook on Romans. (Presbyterian Church.)
Michaelmas Exam.,	Epistles to the Corinthians (1 and 2). A. Plummer's The Church of the Early Fathers. (Church of Ireland.) Bishop Temple's The Faith and Modern Thought. (Presbyterian Church.)

Senior Sophisters.

Hilary Exam., . .	Isaiah i–xxxiii, in the Authorised and Revised Versions. Hooker's Ecclesiastical Polity, Book v, 1–68. (Church of Ireland.) Macpherson's Westminster Confession of Faith, Introduction and chaps i, ii, vi, and viii. (Presbyterian Church.)
Trinity Exam., . .	Jeremiah i–xlv, in the Authorised and Revised Versions. Perry's History of the Reformation in England. (Church of Ireland.) Lord Balfour of Burleigh's The Rise and Development of Presbyterianism in Scotland. (Presbyterian Church.)
Michaelmas Exam., (For Candidate Bachelors.)	Hosea–Zephaniah (incl.) in the Authorised and Revised Versions. (Church of Ireland.) A. B. Davidson's Biblical and Literary Essays. (Presbyterian Church.)

Admission of Women to Degrees.

1. Resolution passed by the Senate, June 9th, 1903 :—

"That it is desirable that Degrees in the University of Trinity College, Dublin, shall be opened to Women, and that His Majesty's Government be requested to obtain a King's Letter empowering the University to grant Degrees to Women on such terms and conditions as may seem to the Board and Council, within their respective provinces, on full consideration, to be most expedient."

2. Royal Letters Patent received January 16th, 1904 :—

Edward the Seventh, by the Grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas, King, Defender of the Faith, To all to whom these Presents shall come, Greeting.

Whereas, We are informed by the Provost and Senior Fellows of Our College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin that the Senate of the University of Dublin have by a large majority prayed that the Degrees of the said University may be conferred upon Women, subject to the regulations and restrictions which the Provost and Senior Fellows of the College and the Senate of the University may hereafter agree to impose.

And whereas, when the Statutes were framed, there being no desire on the part of women to proceed to such Degrees, the wording of the Statutes did not explicitly include or exclude them.

And whereas, nevertheless, the Provost and Senior Fellows of the said College are advised that there are doubts whether the Charter and Statutes of the College can be so interpreted as to permit the conferring of Degrees on women, the words "Studiosi" and "Studentes" having hitherto and by long practice been interpreted to mean men only and not women.

And whereas they are, nevertheless, desirous to give effect to the resolution of the Senate, and to admit women to Degrees under the regulations and restrictions aforementioned.

Know ye, therefore, that We of Our special grace, certain and mere motion, with and by the advice and consent of Our Right Trusty and Right Well-beloved Cousin and Councillor William Humble, Earl of Dudley, Knight Grand Cross of the Royal

Victorian Order, Lieutenant General and General Governor of that part of Our said United Kingdom called Ireland, do by these Presents authorize and empower the said Provost and Senior Fellows and their successors in office and the said Senate of the University of Dublin and the Caput of the said Senate, and all the members thereof and all other persons or bodies whose concurrence is necessary for the granting of Degrees, to interpret the Statutes of the said College in such a manner that women may obtain Degrees in the said University, all previous laws, ordinances, and interpretations notwithstanding.

And We do hereby for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things good, firm, valid, and effectual in law, according to the true intent and meaning of the same, and shall be constructed in all Our Courts in the most favourable and beneficial sense and for the advantage of the said College, anything to the contrary notwithstanding.

Provided always that these Our Letters Present be enrolled in the Record and Writ Office of our High Court of Justice in Ireland, Chancery Division, within the space of six calendar months next ensuing the date of these presents.

In witness whereof We have caused these Our Letters to be made Patent.

Witness William Humble, Earl of Dudley, Our Lieutenant General and General Governor of Ireland, at Dublin, the eighth day of December in the third year of Our reign.

3. Resolutions adopted by the Board:—

Women shall be admissible to all Lectures, Examinations, and Degrees in Arts, in Law, in Medicine, and in Engineering.

All prizes in Arts, except Fellowship and Scholarship, and all Prizes in the Schools of Law, Physic, and Engineering, shall be open to women.

Non-foundation Scholarships shall be instituted for women, and obtained on conditions similar to those formerly holding good for such Scholarships.

The fees for women, both in Arts and in the Medical School, shall be the same as those for men.

For Medical Lectures, the Professors of the Medical School shall make such arrangements, subject to the approval of the Board, as they may think best for the instruction of women, either separately or in conjunction with men.

Women shall practise Dissections separately from men.

Women shall not be allowed to study Anatomy or Physiology, or to attend Hospital, until they shall have reached the age of eighteen years.

Women Students or Graduates of other Universities in which women are given full academic status, are entitled to every privilege granted to men of the same standing.

4. Special Regulations for Women Students.

As Women Students are now equally admissible with Men Students to Lectures, Examinations, and to the privilege of reading in the Library, they are equally subject to the College Discipline and Statutes; and, in particular, they are required to observe the following regulations:—

1. All Women candidates for matriculation shall communicate with the Lady Registrar a week before the date of the Entrance Examination, and shall furnish her with satisfactory evidence of character.

2. Women Students shall inform the Lady Registrar at least a week before Lectures begin whether they propose to attend Lectures or not.

3. Women Students attending Lectures must reside either with their parents or guardians in town, or in Trinity Hall, unless by special leave from the Provost. Forms of application for the Provost's leave can be obtained from the Lady Registrar.

4. Rooms have been set apart in Nos. 5 and 6, Trinity College, for the use of Women Students. Their Examination Marks will be posted in these rooms. Women students are not admitted to the Senior Lecturer's Office except in special circumstances.

5. Except when entering or leaving College, Women Students shall wear their Academicals in the College Squares and Parks, unless accompanied by a chaperon.

6. Women Students are required to leave the College Precincts at 6 P.M.

7. Women Students shall not visit private rooms in College unless accompanied by a chaperon, or with the Provost's sanction in exceptional circumstances.

8. Those desiring private tuition will notify the Lady Registrar, who will arrange for it in rooms to be sanctioned by the Provost.

All general information as to Lectures, Examinations, and the Special Regulations for Women Students may be obtained from the Lady Registrar as well as from the Tutors. Her office, No. 5 Trinity College, is open daily during term. She will be responsible to the College for the due carrying out of the Regulations, and will act generally as adviser to the Women Students.

Miss Olive Constance Purser, M.A., was appointed Lady Registrar on June 22, 1918, and Miss Elizabeth Margaret Cunningham, M.A., was appointed Warden of Trinity Hall on May 16, 1908.

5. TRINITY HALL.

Residence for Women Students.

In the year 1908 the house and grounds, now known as Trinity Hall, were acquired by the University, and established as the official residence for those Women Students who do not reside with their parents or guardians. The adjoining house and grounds were purchased in 1910 by John Purser Griffith, M.I.C.E., and Mrs. Griffith, and presented to the University, in memory of Frederick Purser, M.A., F.T.C.D. In the grounds, which are about 10 acres in extent, the Dublin University Ladies' Hockey and Tennis Clubs have their field and courts; and Trinity Hall thus serves as one of the centres for the use of all Women Students, whether resident or non-resident.

Trinity Hall has direct tramway connexion with Trinity College either by the Palmerston Park or by the Dartry Road line.

Fees for the term of ten weeks for full board and residence, with a study bedroom, are from £23 10*s*. to £28 10*s*., according to the size of the room. There are a few double rooms, for which each of the joint-owners pays £23 10*s*.. Personal expenses, such as laundry, are not included in these fees.

Further particulars may be obtained from the Warden, Miss Cunningham, M.A., Trinity Hall, Dartry Road.

Recognition of other Universities.

1. Admission of Students from the Universities of Oxford and Cambridge.

STUDENTS in Arts, of the Universities of Oxford and Cambridge, desiring to become Members of the University of Dublin, will be allowed credit for their previous Academic attendance, according to the following rules:—

1. Students in Arts who have kept, by residence, two Terms at Oxford, and have passed Responsions, in "Stated Subjects," will be entitled to be placed in the Senior Freshman Class.

The same standing will be allowed to Cambridge Students who have kept, by residence, two Terms, and have passed the Previous Examination.

2. Students in Arts who have kept, by residence, four Terms at Oxford, and have passed the First Public Examination, will be entitled to be placed in the Junior Sophister Class, provided they qualify or have qualified in all the subjects of the Final Freshman Examination

The same standing will be allowed to Cambridge Students who have kept, by residence, four Terms, and passed the Previous Examination.

3. Oxford Students who have kept, by residence, six Terms, and have passed the First Public Examination, will be entitled to be placed in the Senior Sophister Class, provided they qualify or have qualified in all the subjects of the Final Freshman Examination.

The same standing will be allowed to Cambridge Students who have kept six Terms, and passed both parts of the General Examination.

4. Students in Arts who have kept, by residence, nine Terms at Oxford, and have passed the First Public Examination, will be admitted to the Examination for the Degree of B.A., provided they qualify or have qualified in all the subjects of the Final Freshman Examination.

The same privilege will be allowed to Students who have kept nine Terms at Cambridge, and have passed both parts of the General Examination.

5. Students from Oxford or Cambridge desiring to be placed on the Books of Trinity College, Dublin, must produce, in addition to their Certificate of the Terms kept by residence, a Certificate of good conduct, signed by the Head of their College or Hall, or by the Censor of Non-Collegiate Students.

Recognition of Courses kept in other Universities.

(Resolutions passed by the Board and Council.)

1. That no Students or Graduates of any other University (excluding Oxford and Cambridge) should be allowed to take the B.A., unless they have kept at least two Academic years at T.C.D.

2. That no Student should be allowed to take any of the Degrees in Medicine, Surgery, and Midwifery, unless he has attended at least three years of the prescribed curriculum in the School of Physic, Trinity College.

3. That any Student who is a Bachelor or Master of Arts or a Bachelor of Science of a University recognized by the Board and Council may be allowed credit for the two Freshman years and the Final Freshman Examination; and that such Student should be allowed to have his name placed on the College books as a rising Junior Sophister, upon payment of the final fee of the Senior Freshman year.

If it should appear that any such Student has not studied, as part of the approved Courses in the University at which he has graduated, any of the compulsory subjects for the Final Freshman Examination, then the Senior Lecturer shall, except by special permission of the Board, require such Student to pass a qualifying examination in such subjects.

4. That the following Universities should be recognized under the foregoing rule, viz.:—the Universities of Aberdeen, Belfast, Birmingham, Bristol, Edinburgh, Glasgow, Leeds, Liverpool, London, Manchester, St. Andrews, Sheffield, Wales, the Royal University of Ireland, and the National University of Ireland.

3. Arrangements with Magee College, Londonderry.

Provisional arrangements, made in reply to an application from Magee College, passed the Board and Council on June 9, 1909, and were accepted by Magee College, on June 30, 1909. They were to be reconsidered at the end of five years, or sooner by consent of both parties.

They were reconsidered by the Board and Council on July 4, 1910, and are now as follows:—

1. On the completion of the two years' Course in Magee College in April, a Student of Magee College becomes eligible for the Final Freshman Examination in Trinity College in the following October, or in June, on payment of the October Fees by anticipation. On passing that Examination he may return to Magee for the third year's Course there; and after attending a Term of Lectures, and passing an Examination at the end of it, in the Junior Sophister Course of Trinity, will be credited with a Junior Sophister Term, and, on attending the Trinity Term of Lectures in Trinity College, will be credited with the Junior Sophister year.

2. A Student who wishes to postpone his Final Freshman Examination till the Supplemental Final Freshman Examination, after the completion of the third year's Course at Magee, will be allowed provisional credit for a Junior Sophister Term in Trinity, on attending the Lectures, and passing the Examination of the third year's Course in Magee, as in par. 1. The Term thus saved will be credited as a Junior Sophister Examination, when the Student shall have passed the Supplemental Final Freshman Examination, and full credit will be given for the Junior Sophister year on the same conditions as in par. 1.

3. The Senior Sophister year will be kept in Trinity College by keeping the Michaelmas or Hilary Term of Lectures in Trinity College.

Students attending Divinity Lectures in connexion with the Presbyterian Church during the Michaelmas and Hilary Terms of the Senior Sophister year may obtain credit for a Senior Sophister Term by keeping the Lectures of Trinity Term in Trinity College.

4. The Degree Examination may be taken by any Moderatorship, or by the ordinary Examination in December, or, in special cases, at the Degree Examinations in June.

4. Recognition of Arts Studies of certain Colonial and Indian Universities and Colleges.

The University of Dublin is prepared to recognize the Arts studies of the following Colonial and Indian Universities, and such others as the Board and Council may from time to time direct to be added to that list:—

The Universities of Adelaide, Allahabad, Bombay, Calcutta, M'Gill (Montreal), Madras, Melbourne, New Brunswick, New Zealand, Patna, The Punjab, Sydney, Tasmania, Toronto, King's College, Windsor, Nova Scotia.

The privileges in Arts granted to the Students of such Universities are as follows:—

Any Student producing the proper Certificates that he has passed two years in Arts studies at such Universities or Colleges, and has passed the Examinations belonging to that period, will be entitled to put his name on the College books as a Senior Freshman, or Student with one year's credit; with this reservation, that if it shall appear that the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by Examination in the omitted subject or subjects within one month after his name shall have been entered on the books.

To such Students the Entrance Fee, and the May half-yearly Fee of the Junior Freshman year, are remitted.

Terms of Admission for South African Students.

A.

Medical Students.

1. Students are classified under the following categories:—

(*a*) Those who, at Matriculation in a South African University, have passed in Latin, English, Arithmetic, Algebra, Geometry, and one of the following languages:—French, German, Greek, Italian, Dutch.

(*b*) Those who in addition have obtained credit for attendance for one year in Botany, Zoology, Chemistry, and Physics, including practical work.

(*c*) Those who have passed the first B.Sc. (Agriculture) Examination in these subjects.

(*d*) Those with the qualification (*c*) who have taken six months Anatomy Lectures and dissections at the University of Cape Town.

(*e*) Those with the qualification (*c*) who have credit for attendance on the full courses of Anatomy and Physiology (including practical work) at the University of Cape Town.

(*f*) Those with the qualification (*e*) who have also the qualification mentioned below in B 2.

2. Students belonging to these classes will be admitted to the Medical School as follows:—

(*a*) May enter without examination.

(*b*) May present themselves for the Preliminary Scientific Examination, and proceed as Second Year Students.

(*c*) are excused the Preliminary Scientific Examination. Those partially qualified for this class are excused the subjects in which they have passed at the B.Sc. (Agriculture).

(*d*) are given credit for the first year Anatomy Course.

(*e*) and (*f*) may present themselves for the Intermediate Medical Examination, Part I, and proceed as Third Year Students. If they have not taken a Course in Organic Chemistry, they may omit this subject at the Examination, and take it in their third year.

Courses in Pathology and Bacteriology, both lectures and practical, taken at the University of Cape Town, are recognized by the Board and Council, it being understood that candidates for the Medical Degrees of the University of Dublin must spend at least three years' study in Dublin, and must pass the Intermediate Medical, Part I, and all subsequent Examinations.

3. Arts standing will be thus determined:—

(*a*) enter as Junior Freshmen, and are excused the Entrance Fee.

(*b*), (*c*), and (*d*) enter as Senior Freshmen, and are excused in addition the first half-yearly Arts fee. They are thus liable for two half-yearly fees before taking their Senior Freshmen Arts Lectures in Trinity Term.

(*e*) join as Senior Freshmen, but pay one half-yearly fee less than those in Classes (*b*), (*c*), (*d*): provided always that if they join in October, and wish to hold Chambers in College during the winter, they must pay the same fees as (*b*), (*c*), and (*d*).

(*f*) are exempted from attendance on the Senior Freshman Trinity Term lectures, and may compete at the Final Freshman Examination in June or October on paying the May Senior Freshman Fee. If successful, they pay the Final Senior Freshman Fee before November, and proceed as Junior Sophisters.

4. Final Freshman Examination.

(1) South African students may present Dutch as their language.

(2) Those who have passed in Physics at the B.Sc. (Agriculture) Examination are exempted from Mechanics.

(3) Class (*f*) are exempted from any subject in which they have passed an examination as specified in B 2.

B.

Students other than Medical Students.

1. Students with the qualification A. 1. (*a*) are admitted to Trinity College without examination, but must pay the Entrance Fee.

2. Students who have attended the full courses of the First Year in Arts of any University in South Africa, and have passed the corresponding examinations, may start as Senior Freshmen with credit up to the April of the Senior Freshman Year. They will attend Trinity Term lectures, and must pass the Final Freshman Examination in all subjects not included in their Course. They are excused the Entrance Fee and two half-yearly fees.

3. A Student who has passed the B.A. Examination of any University in South Africa, is permitted to put his name on the Books of Trinity College as a rising Junior Sophister, i.e., as a student who has obtained credit for the first two Collegiate years and for the Final Freshman Examination.

To such students the Entrance and half-yearly fees up to and including that payable in May of the Senior Freshman year are remitted.

4. Any Student who is a Bachelor of Science of any South African University is allowed credit for the two Freshman years and the Final Freshman Examination, and such student is allowed to have his name placed on the College books as a rising Junior Sophister upon payment of the final fee of the Senior Freshman year.

If it should appear that any such student has not studied, as part of the approved courses in the University at which he has graduated, any of the compulsory subjects of the Final Freshman Examination, then the Senior Lecturer shall require such student to pass a qualifying examination in such subjects, unless he is exempted by special permission of the Board.

5. Students from South Africa may substitute Dutch for Greek, French, German, or Italian at any Pass Examination in Arts.

EXHIBITIONS AWARDED TO STUDENTS FROM SOUTH AFRICA.

The following scheme for awarding South African Exhibitions was adopted by the Board, for the year 1922.

1. The distribution of the South African Exhibitions shall be as follows:—

(*a*) *Two* to be nominated by the University of Capetown.

(*b*) *Two* to be nominated by the University of Stellenbosch.

(*c*) *Two* to be nominated by the University of South Africa.

2. The nomination by each University shall be made before March 1st in each year. The Exhibitioner should join Trinity College before April 15th.

3. The Exhibitions shall be granted to Medical Students only (unless the Board of Trinity College shall in a special case determine otherwise).

4. For the purpose of these Exhibitions Students of other Colleges, who afterwards join the University of Capetown, shall be regarded as Students of the University of Capetown.

5. Exhibitioners will be expected to take the Degree of M.D. (unless specially exempted), and in the matter of hospital attendance and otherwise to comply with the directions given by the authorities of Trinity College.

6. The value of these Exhibitions shall be £150 if three years of the Medical Education are taken in Trinity College, £175 if four years, and £200 if the whole Medical Course is taken in Trinity College.

7. The first payment of an Exhibition is made at the end of the first quarter after the Exhibitioner has joined Trinity College.

8. No person shall be disqualified for nomination to an Exhibition by reason of his holding any Exhibition or Scholarship in South Africa.

Exhibition awarded to Graduates in Medicine of Melbourne University.

By order of the Board of Trinity College, Dublin (dated 20th April, 1918), the University of Melbourne is entitled to nominate one of its medical graduates to an exhibition of £100, with rooms, rent free for six months, in Trinity College, intended to defray, in part, the expenses incurred in obtaining the Diploma in Gynæcology and Obstetrics granted by the University of Dublin. This regulation will hold for one such graduate in each of the five years beginning October, 1918.

The Regulations for the Diploma and the fees payable in connexion with it are given under that heading.

During, or at the end of, his course of instruction the exhibitioner is eligible for election to the post of External Maternity Assistant at the Rotunda Hospital, and, at the end of his course, for the post of Assistant Master.

Honor Courses.

STUDENTS may become Candidates for Honors in the following subjects, at each Term Examination in the Undergraduate Course:—

JUNIOR FRESHMEN, .	Mathematics; Classics; Experimental Science; History; English Literature; French German; Italian; Spanish.
SENIOR FRESHMEN, .	Mathematics; Classics; Mental and Moral Philosophy; Experimental Science; History; English Literature; French; German; Italian; Spanish.
JUNIOR SOPHISTERS, .	Mathematics; Classics; Mental and Moral Philosophy; Experimental Science; Natural Science; History and Political Science; Modern Literature; Legal and Political Science.
SENIOR SOPHISTERS, .	Mathematics; Classics; Mental and Moral Philosophy; Experimental Science; Natural Science; Legal and Political Science.

A Prize Examination is held in Mental and Moral Philosophy in the Michaelmas Term of the Junior Freshman year; Prize Examinations are also held in Natural Science, and in Old and Middle Irish in the Michaelmas Term of the Senior and Junior Freshman years; and a Prize Examination in Celtic Languages in the Michaelmas Term of the Junior Sophister year.

At the B. A. Degree Examination, Students may graduate in Honors in eleven subjects, viz.:—

Mathematics.
Classics.
Mental and Moral Philosophy.
Experimental Science.
Natural Science.
History and Political Science.
Modern Literature.
Legal and Political Science.
Engineering Science.
Celtic Languages.
Oriental Languages.

The regulations by which the rank and value of the various Honors and Prizes are determined have been already given (see above, under the head "Honors and Prizes").

For Privileges and Exemptions granted to Honor Students, see Course in Arts, § 16.

§ I.—Mathematics.

[The books recommended by the Mathematical Committee are printed on a separate leaflet.

Credit will be given for style and neat arrangement of answers.

Candidates are expected to bring into the hall books of tables and Mathematical instruments. A practical paper will be set in each Freshman Term.

In Michaelmas Term a general paper will be set covering all the preceding Honor Course.]

JUNIOR FRESHMEN.

Michaelmas Lectures and Hilary Examination.

Geometry.—Elementary theory of maxima and minima, mean centres, transversals (including harmonic and anharmonic ratios), poles and polars, inversion, coaxal circles, projection.

Geometrical treatment of the general focal properties of conics, with particular application to the ellipse and parabola.

Drawing of graphs.

Algebra.—Arithmetical and geometrical progressions; scales of notation; surds; quadratic equations and simultaneous equations of the second degree; permutations and combinations; binomial theorem for a positive integral index.

Trigonometry.—To the end of solution of plane triangles; use of logarithms; numerical solution of triangles.

Hilary Lectures and Trinity Examination.

Geometry.—Cartesian equations of right line and circle. Graphic solution of equations.

Algebra.—Elementary convergence of series, binomial theorem, logarithms, exponential and logarithmic series, partial fractions, elementary continued fractions, algebraic series, relation between the roots and coefficients of a rational integral algebraic equation. Elementary symmetric functions.

Trigonometry.—De Moivre's theorem. Exponential forms of trigonometrical functions. Trigonometrical series. Expression of trigonometrical functions by infinite products.

Trinity Lectures and Michaelmas Examination.

Geometry.—Cartesian equations of the general conic, and of central conics and parabola in their simplest forms.

Spherical Trigonometry.—Relation between the sides and angles of a spherical triangle, radii of inscribed and circumscribed circles; spherical excess.

Algebra.—Theory of convergence of series (continued), rational and irrational numbers, the continuum.

Differential Calculus.—Continuity and discontinuity of functions; limits of functions; differential calculus to the end of Taylor's theorem for one variable.

Integral Calculus.—Elementary integration; integration between limits.

Elementary Mechanics.—Laws of motion; composition and resolution of velocities, accelerations, and forces; equilibrium under coplanar forces; polygon of forces; simple applications of graphic methods; simple machines; work and energy.

SENIOR FRESHMEN.

Michaelmas Lectures and Hilary Examination.

Algebra.—Elementary determinants.

Differential Calculus.—Maxima and minima of functions of one variable; partial differentiation; elementary application of the differential calculus to plane curves (tangents, normals, curvature).

Integral Calculus.—Integration of rational functions; integration by successive reduction; elementary application of the integral calculus to areas and lengths.

Statics.—Equilibrium under coplanar forces, excluding friction; virtual work.

Dynamics.—Rectilinear motion of a particle; harmonic motion; projectiles; constrained uniplanar motion under gravity.

Hilary Lectures and Trinity Examination.

Differential Calculus.—Calculation of the effects of small errors; successive partial differentiation; extension of Taylor's theorem to several variables; asymptotes; plotting of curves; envelopes.

Integral Calculus.—Integration by rationalization; areas and lengths of curves.

Analytical Geometry.—The plane and right line in rectangular Cartesian co-ordinates.

Statics.—Equilibrium of bodies under coplanar forces, including the general theory of friction; graphic statics; application of the calculus to finding centres of gravity.

Dynamics.—Motion of a particle under a central force.

Trinity Lectures and Michaelmas Examination.

Analytical Geometry. — Central quadrics in rectangular Cartesian coordinates.

Differential Equations.—Equations of first order, and linear equations with constant coefficients (two variables).

Attractions.—Elementary theory of attraction and potential for particles; uniform plane and spherical distributions of matter; tubes of force.

Integral Calculus.—Elementary theory of multiple integrals, with applications to the determination of volumes and surfaces, and centres of gravity of solids.

Algebra.—Solution of cubic and biquadratic: symmetric functions; Sturm's theorem; Horner's method of approximation.

Dynamics.—Constrained motion of a particle; motion of a particle in a resisting medium.

JUNIOR SOPHISTERS.

Michaelmas Lectures and Hilary Examination.

Geometry.—Confocal quadrics; general theory of surfaces in rectangular Cartesian coordinates; curvature of surfaces and twisted curves.

Trigonometry.—Exponential and Logarithmic series for complex variable.

Differential Equations.—Well-known miscellaneous methods, homogeneous equations, exact equations, ordinary linear differential equations (two variables).

Integral Calculus.—Integrals of inertia; reduction of elliptic integrals to normal forms.

Dynamics.—General principles, energy, momentum; motion of a rigid body parallel to a fixed plane.

Statics.—General equations of equilibrium in three dimensions; wrenches; equilibrium of strings under coplanar forces.

Hilary Lectures and Trinity Examination.

Geometry.—Torsion of curves; homogeneous equations of curves and surfaces.

Differential Equations.—Integration by series of Legendre's and Bessel's equations; Riccati's equation; the differential equation satisfied by the hypergeometric series.

Attractions.—General theory of potential, Green's theorem, elementary applications of spherical harmonics, inversion, images. (Attraction of quadrics excluded.)

Hydrostatics.—Pressure at a point, resultant pressure over areas, general equations of equilibrium, equilibrium of floating bodies when the fluid is at rest or rotating as a rigid body.

[End of Scholarship Course.]

Trinity Lectures and Michaelmas Examination.

Differential Equations.—Total differential equations and simultaneous equations.

Analysis.—Complex variable; theory of power series; absolute convergence; uniform convergence; Riemann's theory of integration for real variables.

Dynamics.—Motion of a rigid body in three-dimensions, screws, Euler's equations.

SENIOR SOPHISTERS.

Michaelmas Lectures and Hilary Examination.

Differential Equations.—Partial differential equations of the first order, Lagrange's and Charpit's methods.

Analysis.—Fundamental properties of analytic functions; Taylor's, Laurent's, and Liouville's theorems; residues, with simple applications to the evaluation of definite integrals; asymptotic expansions.

Dynamics. — Lagrange's generalized equations of motion; small oscillations.

Attractions.—Attractions of quadrics.

Hilary Lectures and Trinity Examination.

Geometry and Algebra.—Invariants and covariants of the binary cubic and binary quartic. Invariants and covariants of homogeneous quadratic forms in three variables.

Higher Analysis. — Fourier's series, elementary properties of gamma-functions, of Legendre's and Bessel's functions, and of spherical harmonics.

Hydrodynamics. — Fundamental property of a fluid, Euler's and Lagrange's forms of the equations of motion, Weber's transformation; steady motion; velocity potential, Stokes' theorem, irrotational motion in simply connected and multiply connected regions, Green's theorem; sources and sinks, images; stream function in two dimensions; motion of a circular cylinder in an infinite liquid; vessel in the shape of an elliptic or equilateral prism rotating uniformly; motion of a sphere in an infinite liquid; Stokes' stream-function; vortex motion, expression of velocities in terms of expansion and rotation, velocity potential due to a vortex, vortex sheets; rectilinear vortices.

TRINITY LECTURES.

Higher Analysis.—Doubly periodic functions, elementary properties of the functions $\sigma(u)$, $\zeta(u)$, $p(u)$, $\mathrm{sn}(u)$, $\mathrm{cn}(u)$, $\mathrm{dn}(u)$.

Elasticity.—Heterogeneous strain, heterogeneous stress; expressions of stress in terms of strain, strain-energy-function; equations of equilibrium; spherical shells under uniform normal pressure; cylindrical shells under uniform surface-tractions; torsion of a prism when the cross-section is an ellipse, an equilateral triangle, or a rectangle; equilibrium of thin beams assuming the bending moment proportional to the curvature, equation of three moments.

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§ II.—CLASSICS.

The principle on which the Honor Examinations in Classics are conducted is to test the proficiency of the Student on the following points:—

First. As to his minute and critical knowledge of certain defined portions of the Greek and Latin authors.

Secondly. As to his general and independent knowledge of the Greek and Latin languages, and their literature, to be proved by his ability to write an accurate version of passages from the prescribed Honor Course, and also from Classical works not prescribed; as well as to answer, in writing, general questions connected with the languages, and their literature.

Thirdly. As to his power of expressing the full meaning and force of an ancient author, by writing such a translation of a given passage as may deserve commendation, not merely for its correctness as a version of the original, but for its excellence as a piece of English Composition.

With these objects in view, the manner of conducting the Classical Honor Examinations is as follows:

1. Candidates for Honors will be separately examined, *viâ voce*, in the portions of the Honor Course marked in Italics in the following Table.

2. Passages will be proposed for written translation, taken from the works of the Greek and Latin writers named in the following Table:—

JUNIOR FRESHMEN.

MICH. LECT. AND HILARY EXAM.	Euripides:—*Medea*, *Bacchae*; Hercules Furens. Horace:—*Odes*, *Epodes*. *Carmen Seculare*. Ovid's Heroides, edited by Palmer (Clarendon Press), I.–XIV., inclusive.

HILARY LECT. AND TRINITY EXAM.	Homer:—*Odyssey, Books* VI. IX. XXI. XXII.; Odyssey, Books X.–XVII., inclusive. Virgil, *Æneid, Books* I., II., III., V.; Æneid, Books IV., VI., VII.
TRINITY LECT. AND MICH. EXAM.	Herodotus:—*Books* I. VIII.; Books VI. VII. Livy:—*Books* XXI. XXII. XXIII.; Books XXIV. XXV.

SENIOR FRESHMEN.

MICH. LECT. AND HILARY EXAM.	Plato:—*Apologia Socratis, Gorgias;* Phaedo. Cicero:—*Pro Milone, Philippic* II; *Cicero in his Letters* I.–XXXIII.; Cicero in his Letters, XXXIV.-LXXX. (Tyrrell's Edition, published by Macmillan).
HILARY LECT. AND TRINITY EXAM.	Sophocles:—*Ajax, Antigone;* Philoctetes. Plautus:—*Trinummus, Miles;* Captivi. Terence:—*Phormio.*
TRINITY LECT. AND MICH. EXAM.	Homer:—*Iliad, Books* XXI.–XXIV., inclusive; Iliad, Books XIII.–XX., inclusive. Virgil:—*Æneid, Books* IV. VI. VIII. IX.; Æneid, Books VII. X. XI. XII. Ovid:—*Metamorphoses,* Book XIII.

JUNIOR SOPHISTERS.

MICH. LECT. AND HILARY EXAM.	Thucydides:—*Books* I. VII.; Books III. IV. Tacitus: — *Agricola*; *Histories, Books* I. II. Histories, Books III. IV.
HILARY LECT. AND TRINITY EXAM.	Demosthenes: — *Olynthiacs, Philippic* I., *De Corona.* Aeschines:—In Ctesiphontem. Juvenal:—*Satires* I. III. IV. VII. VIII. X. XIII. XIV. Persius:—Satires I. II. III. V. VI.
TRINITY LECT. AND MICH. EXAM.	Aeschylus: — *Prometheus Vinctus; Agamemnon,* Septem contra Thebas. Lucretius:—*Books* I. II.; Books III. V. VI. Horace:—*Satires.*

SENIOR SOPHISTERS.

MICH. LECT. AND HILARY EXAM.	Aristotle:—*Nicomachean Ethics, Books* II. VI.; Nicomachean Ethics, Books I. III. IV. V. Cicero: — *De Officiis*; De Finibus, Books I. II. III.; Tusculan Disputations, Book I.
HILARY LECT. AND TRINITY EXAM.	Plato:—*De Republica, Books* I. II. III.; De Republica, Books IV. V. Virgil:—*Eclogues* and *Georgics.* Horace:—*Epistles, including the Art of Poetry.*

3. One or more passages will also be proposed for written translation from the *other* works of Greek or Latin Prose or Poetical authors specified for each Examination, with a view of testing the Candidate's general knowledge of the languages.

4. Papers of questions will be proposed in Ancient History and Geography, Grammar, and General Literature, and also subjects for Composition in Greek and Latin Prose, Greek and Latin Verse.

5. During the first three years, Candidates for Honors will be regularly lectured and examined in definite portions of Ancient History, Literature, or Philology; and, at each Examination, the Candidates will be liable to be examined in the portions appointed for the previous Examinations.

The following Table shows the prescribed Courses in History and Literature until further notice:—

JUNIOR FRESHMEN.

HILARY EXAMINATION.

Greek, . Mahaffy's Greek Literature, vol. I., chaps. 14 to 17.
Roman, . Tyrrell's Latin Poetry, chaps. 1 to 7.

TRINITY EXAMINATION.

Greek, . Mahaffy's Greek Literature, vol. I., chaps. 1 to 5.
Bury's History of Greece, chaps. 1, 2.
Roman, . Sellar's Virgil, chaps. 2, 3, 8, to 11.

MICHAELMAS EXAMINATION.

Greek, . Mahaffy's Greek Literature, vol. II., chaps. 1, 2.
Bury's History of Greece, chaps. 3 to 8.
Roman, . How and Leigh's History of Rome, chaps. 17 to 30.

SENIOR FRESHMEN.

HILARY EXAMINATION.

Greek, . Bury's History of Greece, chaps. 9 to 11.
Roman, . How and Leigh's History of Rome, chaps. 31 to 52.

TRINITY EXAMINATION.

Greek, . Bury's History of Greece, chaps. 12 to 15.
Roman, . How and Leigh's History of Rome, chaps. 1 to 17.
Tyrrell's Latin Poetry, chaps. 1, 2.

MICHAELMAS EXAMINATION.

Greek, . Bury's History of Greece, chaps. 1 to 8.
Roman, . Bury's Student's Roman Empire, chaps. 1 to 13.
Merivale's History of the Romans under the Empire, chapters 40 and 41.
Tyrrell's Latin Poetry, chap. 5.

JUNIOR SOPHISTERS.

HILARY EXAMINATION.

Greek, . Mahaffy's Greek Literature, vol. II., chaps. 4, 5.
Bury's History of Greece, chaps. 9 to 15.
Roman, . Bury's Student's Roman Empire, chaps. 14 to 21.

TRINITY EXAMINATION.

Greek, . Bury's History of Greece, chaps. 16 to 18.
Roman, . Bury's Student's Roman Empire, chaps. 14 to 25.
Tyrrell's Latin Poetry, chaps. 7, 8.

MICHAELMAS EXAMINATION.

Greek, . Mahaffy's Greek Literature, vol. I., chaps. 15, 16.
Haigh's Attic Theatre.
Roman, . Bury's Student's Roman Empire, chaps. 26 to end.
Tyrrell's Latin Poetry, chaps. 1 to 8.

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§ III.—MENTAL AND MORAL PHILOSOPHY.

In addition to questions from the books recommended, candidates will be examined in their general knowledge of the subject, period, or school under study.

JUNIOR FRESHMAN YEAR.

TRINITY LECTURES AND MICHAELMAS EXAMINATION.

Logic.

Course of reading recommended :—

Keynes' *Logic* (Fourth Edition), Introduction, Part i; Part ii, Chaps. 2, 3, 4, 5, 9, 10; Part iii, Chaps. 1–6, 8, 10.

SENIOR FRESHMAN YEAR.

MICHAELMAS LECTURES AND HILARY EXAMINATION.

Logic.

Course of reading recommended :—

Keynes' *Logic*, as in Junior Freshman Honor Course.
Joseph's *Introduction to Logic*, Chaps. 17–25.
Bacon's *Novum Organum*, Bk. i.

HILARY LECTURES AND TRINITY EXAMINATION.

Psychology.

Course of reading recommended :—

Höffding's *Psychology*.

TRINITY LECTURES AND MICHAELMAS EXAMINATION.

Modern Pre-Kantian Intellectualism.

Course of reading recommended :—

Descartes' *Meditations*.
Leibniz' *Monadology* and *New System* (with *Explanations*).
Spinoza's *Ethics*, Bks. i and ii.

SOPHISTER COURSE.

Each term special attention is given to some period or school of Philosophy.

In each period the corresponding portions in Schwegler's *History of Philosophy* and either A. K. Rogers' *Student's History of Philosophy*, or Alexander's *Short History of Philosophy*, should be consulted.

In addition to questions from the books recommended, general and critical questions will be asked ; and Candidates should study the books from this point of view.

JUNIOR SOPHISTER YEAR.

MICHAELMAS LECTURES AND HILARY EXAMINATION.

English Pre-Kantian Philosophy.

Course of reading recommended :—

Locke's *Essay Concerning Human Understanding*, Introduction, and Bks. ii and iv.
Berkeley's *Principles of Human Knowledge*.
Hume's *Enquiry Concerning Human Understanding*.

HILARY LECTURES AND TRINITY EXAMINATION.

The Philosophy of Kant.

Course of reading recommended :—

Kant's *Kritik of the Pure Reason*, to the end of the *Analytic*.

TRINITY LECTURES AND MICHAELMAS EXAMINATION.

The Philosophy of Kant.

Course of reading recommended :—

Kant's *Kritik of the Pure Reason*, the *Dialectic* and *Methodology*.

SENIOR SOPHISTER YEAR.

MICHAELMAS LECTURES AND HILARY EXAMINATION.

Ancient Ethics.

Course of reading recommended :—

Plato's *Republic*.
Aristotle's *Ethics*.

HILARY LECTURES.

Modern Ethics.

Course of reading recommended :—

Kant's *Fundamental Principles of the Metaphysic of Morals.*
Kant's *Kritik of the Practical Reason.*
Butler's *Sermons* and *Nature of Virtue.*
Spencer's *Data of Ethics.*
Sorley's *Ethics of Naturalism.*

TRINITY LECTURES.

The Philosophy of Hegel.

Course of reading recommended :—

Hegel's *Subjective Logic*, Introductory Chapters and Section 1.

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§ IV.—EXPERIMENTAL SCIENCE.

Candidates in Experimental Science are required to answer in two Courses, one in Experimental Physics, the other in Chemistry, and also in a Course in Mathematics in the Freshman Years.

The following Syllabus is intended to indicate the general lines on which the Lectures and practical work will be arranged. The Examination in each Term will be more especially upon the work of the preceding Term, but at the same time Students will be liable for any of the previous work.

JUNIOR FRESHMEN.

HILARY EXAMINATION.

Course in Mathematics.

Elementary statics, dynamics, and hydrostatics.

Course in Experimental Physics.

Methods of accurate measurement of length, area, volume, time, mass, and pressure. Plotting of curves; the slope and area of curves. Laws of motion, acceleration due to gravity, simple pendulum. The simple machines. Laws of friction. Momentum and energy. Boyle's Law. Principle of Archimedes. Measurement of densities and atmospheric pressure. Expansion of substances due to heat. Air and liquid in glass thermometers. Calorimetry. Specific and latent heats.

Practical Work.—Vernier, micrometer screw, spherometer, planimeter, densities of solids, liquids, and gases, simple pendulum, acceleration due to gravity. Coefficients of expansion. Water equivalent of calorimeter. Specific heat of a solid and latent heats of liquefaction of ice, and of steam.

Course in Inorganic Chemistry.

Physical and chemical changes; elements and compounds. Hydrogen. Boyle's law; Gay Lussac's law; diffusion; electrolysis. Oxygen; combustion; classification of oxides. Water, its composition and properties. Law of definite proportions; equivalents. Hydrogen peroxide; ozone. Law of multiple proportions; atomic theory; symbols. formulæ, and chemical equations; Gay Lussac's law of volumes; Avogadro's hypothesis; densities of gases and molecular weights. The atmosphere; nitrogen; ammonia; oxides and oxyacids of nitrogen; acids; bases and salts; valency. Preparation and properties of carbon, the halogens, sulphur, phosphorus, silicon, boron, and of their chief compounds. Oxidising and reducing agents. Rational formulæ.

Practical Work.—Systematic qualitative analysis of salts for negative radicals only. The experimental verification of equations expressing simple interactions, and involving accurate weighings with the chemical balance.

Trinity Examination.

Course in Mathematics.

Axes of coordinates. Graphs. Form of curves given by Cartesian Equation of first and second degree. Infinitesimals, limiting values, differential coefficients. differentiation of algebraic, trigonometrical, logarithmic, and exponential expressions.

Course in Experimental Physics.

Magnets and lines of magnetic force. Laws of magnetic force and fields of force due to magnets. Moments of magnets. Magnetic effects of electric currents. Tangent galvanometer. Ammeters for measurement of electric currents. Heat-production by electric current, and calculation of electric pressures. Current-voltmeters for measurement of pressures. Electric power measurement. Ohm's Law—measurement of resistance.

Practical Work.—Lines of magnetic force. Field on axis of small magnet. Comparison of magnetic moments. Tangent galvanometer. Standardization of ammeters. Pressure by heating effect. Variation of current with resistance. Battery pressure. Resistances in series and parallel by post-office box. Specific resistance.

Course in Inorganic Chemistry.

Atomic weights; specific heats of solid elements; isomorphism; the periodic arrangement of the elements. Metals and non-metals; preparation and properties of the commonly occurring metals, and of their chief compounds.

Practical Work.—Qualitative analysis as before. Experimental verification of equivalents of elements, and of basicity and molecular weights of acids.

Michaelmas Examination.

Course in Mathematics.

Differentiation of higher orders than first. Taylor's theorem. Fundamental principles of Integral Calculus. Integration of simple forms.

Application of calculus to determination of slope, and area of curves, and determination of equation of tangent and normal. Elementary geometrical optics.

Course in Experimental Physics.

Simple vibration. Harmonic motion. Vibrations of particles and bodies. Wave motion. Echo resonance. Strings and pipes. Musical intervals. Laws of reflection and refraction by light. Mirrors and lenses. Telescopes and microscopes. Explanation of waves.

Practical Work.—Vibrations of strings by sonometer. Wave-length by resonance siren. Plotting rays for convex and concave mirrors. Parallax method for concave mirror. Index of refraction of glass block. Index of refraction of prism by position of minimum deviation. Focal lengths of lenses.

Course in Inorganic Chemistry.

Inorganic Chemistry as before.

Practical Work.—Qualitative analysis as before. Preparation of some chemical compounds by processes involving crystallization, &c.

SENIOR FRESHMEN.

Hilary Examination.

Course in Mathematics.

Centrifugal forces. Simple harmonic motion. Simple pendulum. Angular velocity. Moment of momentum and kinetic energy of rotating bodies. Physical meaning of moment of inertia. Motion of particle in a vertical circle. Application of calculus to determination of centres of gravity, centres of pressure, and moments of inertia.

Course in Experimental Physics.

General properties of solids, liquids, and gases. Elementary discussion of kinetic theory. Diffusion. Surface tension. Young's Modulus. Moments of inertia. Ballistic pendulum. Torsion. Compound pendulum. Thermometry. Calorimetry. Fusion and evaporation. Saturated vapours. Hygrometry. Mechanical equivalent of heat. Elementary study of conductivity, diffusivity, and radiation.

Practical Work.—Surface tension of water. Young's Modulus. Velocity of a bullet. Compound pendulum. Moment of inertia and torsional rigidity. Specific heats (solids and liquids), and latent heat of water and steam, with corrections for radiation, &c. Wet and dry bulb, and Crova's hygrometers. Measurement of mechanical equivalent of heat, mechanically and electrically.

Course in Chemistry.

The History of Chemistry:—Aristotle; the Alchemists; Robert Boyle; theories of combustion, Boyle, Mayow, Becher, Stahl, Lavoisier; the work of Black, Cavendish, Priestley, Bergmann, Schelle, Lavoisier, Berthollet, Proust, Richter; Dalton's atomic theory and older theories; equivalents; Gay Lussac's law of volumes; Avogadro's hypothesis; molecular and atomic weights. Elementary Chemistry of the non-metals and metals as before.

Organic Chemistry.—Destructive distillation of wood; hydrolysis of cellulose and of starch; isomerism; fermentation; constitution and properties of methyl alcohol and of ethyl alcohol; limited oxidation of alcohols; acetic acid and formic acid; esterification and saponification; properties of the acids of the acetic series; different types of alcohols; the paraffinoid hydrocarbons.

Practical Work.—Complete qualitative analysis of single salts soluble in water. Volumetric analysis; alkalimetry and acidimetry; preparation of normal sulphuric acid; use of indicators.

Trinity Examination.

Course in Mathematics.

Elementary partial differentiation. Motion of centre of inertia of a system of masses. Problems on conservation of momentum, moment of momentum and energy. Differential equation of simple harmonic motion, and application to cases of bodies moving with simple harmonic motion.

Course in Experimental Physics.

Terrestrial magnetism, dip, declination, and force. Accurate measurement of current, pressure, and resistance. Electrolysis. Chemical batteries. Polarization. Electro-magnetism and laws of electro-magnetic induction. Bells, telegraphs, telephones. Elementary treatment of dynamos, motors, magneto. Induction coils.

Practical Work.—Moment of magnet and horizontal component or Earth's magnetic force. Dip. Standardization of ammeter by copper voltameter. Potentiometer measurements for pressure, current, and resistance. Standardization of voltmeters. Specific resistance of electrolyte. Standardization of sensitive galvanometer for continuous current. Pressure and power curves for dynamo and motor.

Course in Chemistry.

The Chemistry of the non-metals more fully considered. Hydrogen; the halogens; dissociation; electrochemical character of the elements; exothermic and endothermic reactions; heat of formation of compounds; oxidising and reducing agents. The oxygen group of elements; catalytic action; liquefaction of gases; allotropic forms of oxygen and sulphur; acid forming sulphides, basic sulphides, and persulphides; compounds of elements of the oxygen group; compound radicals; constitutional formulæ; valency. The elements of the nitrogen group and their compounds. The inert gases. Carbon and silicon; boron.

Organic Chemistry.—Preparation and general properties of aldehydes and ketones. Preparation and properties of acid amides; constitution of hydrocyanic acid; amino-acids; preparation of amines; distinction between the different types of amines and quaternary bases. Organo-metallic derivatives.

Practical Work.—Determination of molecular weights of organic acids and bases. Volumetric analysis involving the use of oxidising and reducing agents. Complete qualitative analysis of single inorganic salts soluble in water or in acids.

Michaelmas Examination.

Course in Mathematics.

Attractions. Inverse square law. Attraction of spherical shell, solid sphere, and thin plate. Verification of inverse square law. Lines of force. Gauss's theorem. Tubes of forces. Conducting surfaces. Force on element of surface of charged conductor. Potential. Equi-potential surfaces. Potential of spherical shell and solid sphere. Potential of magnet. Magnetic shell. Energy of mutually repulsive system.

Course in Experimental Physics.

Analytical and graphical representation of sound-waves. Velocity of wave-propagation along a string, and sound-waves in air. Beats. Stationary vibrations, summation, and difference tones. Chronograph measurement of frequency. Velocity of light. Photometry. Dispersion and rainbow. Eyepieces. Magnifying power of optical instruments.

Practical Work.—Chronograph for frequency and velocity of rotation measurement. Shadow, Joly, and Flicker photometers. Goniometer. Spectrometer for measurement of refractive index and dispersive power. Accurate methods of measuring focal lengths and estimation of errors. Radii of curvature and index of refraction for lenses. Magnifying power of telescopes and microscopes.

Course in Chemistry.

Chemistry of the non-metals as before. Methods of determining atomic weights more fully considered; specific heats of elements and compounds; isomorphism; the periodic classification of the elements. The Chemistry of the metals based on the periodic table.

Organic Chemistry.—Derivatives of the olefine series of hydrocarbons. Glycol; hydroxy acids; dicarboxylic acids and their derivatives; physical isomerism. Unsaturated acids; stereo-isomerides. Glycerol; allylic alcohol. Glucosides. Polyhydric alcohols; the Chemistry of the typical sugars; constitution and synthesis of dextrose and laevulose.

Practical Work.—Problems in volumetric analysis involving the combined use of acids or bases and oxidising or reducing agents. Qualitative analysis as before, but including the commoner organic acids—acetic, formic, oxalic, tartaric, citric, sulphocyanic and hydrocyanic acid.

JUNIOR SOPHISTERS.

Hilary Examination.

Course in Experimental Physics.

General properties of matter, moments of inertia, variation of atmospheric pressure with height, compressibility of solids and liquids, elastic properties of solids, torsion, flexure, work done by elastic forces.

Heat.—Mechanical equivalent of heat, air and platinum thermometers, weight thermometer, cubical expansion of solids, Regnault's experiments on the expansion of gases, maximum density of water, Regnault's experiments on steam-pressure, critical temperature, pressure, and volume, change of volume accompanying change of state, Joly's steam calorimeter, wet and dry bulb hygrometer, chemical hygrometer, Bunsen's ice calorimeter, conductivity, diffusivity, radiation, equality of radiating and absorbing powers, selective absorption, diathermancy. The steam-engine. Meteorology.

Practical Work.—Use of the cathetometer, dividing engine, chemical balance, Kater's pendulum, piezometer; use of weight and air thermometers, Joly's steam calorimeter and Bunsen's ice calorimeter, measurement of vapour density and pressure, wet and dry bulb hygrometer, correction for radiation in calorimetry, measurement of heat of combustion, specific heat of gases, conductivity, diffusivity, mechanical equivalent of heat.

Course in Chemistry.

(At each Examination in the Sophister years, questions may be asked, not only on the subjects comprised in the Course specified for that Examination, but also in all earlier Courses.)

Inorganic Chemistry as before. Radium; radio-activity; the bearing of the study of radio-activity on our conceptions of the atom and on the periodic classification of the elements; isotopes.

The general properties of gases:—Laws of Boyle, Gay Lussac, Dalton; Avogadro's hypothesis; specific heat at constant pressure and constant temperature; behaviour of gases under high pressures; liquefaction. The general properties of liquids:—surface tension; vapour pressure; heat of vaporisation; the boiling point. The general properties of solids:—the melting point; vapour pressure; the volatilising point. Mixtures of gases, of liquids, and of solids; additive properties. Vapour pressures and boiling points of mixed liquids (including pairs of non-miscible and partially miscible liquids); composition of liquid and vapour phases; fractional distillation.

Honor Lectures on Physical Chemistry for Junior Sophisters will be given once a week.

Organic Chemistry.—The Course for Senior Freshmen more fully treated.

Honor Lectures on Organic Chemistry will be given on Mondays and Wednesdays.

Practical Work.—Analysis of mixed substances containing not more than two metals. Detection of alkaloids and organic acids. Various problems in volumetric analysis. Typical gravimetric analyses. Determination of boiling points and melting points.

Trinity Examination.

Electricity and Magnetism.

Molecular nature of magnetism, terrestrial magnetism, bifilar and vertical magnetometers, dip circle, declination circle; mirror galvanometer, magnetic system of units, ballistic galvanometer, magnetic permeability, electro-magnetic induction, construction of dynamos and motors, Ruhmkorff's coil, electrolysis, migration of ions, potentiometer, chemical batteries, polarisation, thermo-electricity, electrical radiation.

Electrostatics.—Laws of force, distribution on conductor, induction, electroscopes, condensers, machines, quadrant and guard-ring electrometers, electrostatic voltmeter, capacity.

Practical Work.—Use of bifilar magnetometer, dip and declination circles, mirror and ballistic galvanometers, voltameters, measurement of rate of migration of ions, use of potentiometer, measurement of capacity by quadrant electrometer and by ballistic galvanometer, measurement of low and high resistance, and of magnetic permeability.

Course in Chemistry.

The properties of dilute solutions; osmotic pressure; direct and indirect methods of determining osmotic pressure; relation between osmotic and gaseous pressure. The kinetic theory of gases; application of theory to gases under high pressure; Van der Waals's theory and generalisations; the critical point; methods of determining the critical constants. Application of the kinetic theory to dissociating gases.

Organic Chemistry.—Unsaturated hydrocarbides and their chief derivatives. The hydroxy acids. Stereoisomerism. Carbohydrates, natural and synthetic. Urea and uric acid, and their derivatives.

Practical Work.—Extension of volumetric and gravimetric analysis. Determination of nitrogen in organic compounds as ammonia. Detection of common elements in organic compounds

Michaelmas Examination.

Sound.—Graphic and analytical representation of vibration and wave-motion, compounding vibrations, interference, diatonic scale and temperament, intervals, summation and difference tones, vowel sounds, vibrations of bars and plates, compounding vibrations in rectangular planes, Kœnig's flames, phonograph, resonators, Döppler's principle, photographic records.

Light.—Velocity of propagation, wave theory, reflection and refraction, rectilinear propagation and diffraction, interference, Newton's rings, rainbow.

Practical Work.—Use of syren, graphic measurement of frequency, determination of velocity of sound, Kundt's method, optical method of compounding vibrations, use of resonators, diffraction grating, biprism, Fresnel's mirrors, Newton's rings, plotting spectrum.

Course in Chemistry.

Determination of molecular weights of liquids from their surface-tension. Determination of molecular weight of dissolved substances.

The laws of electrolysis. Molecular association and dissociation. Nature of salt solutions. Thermal Chemistry.

Organic Chemistry.—Benzene and its homologues, and their more important derivatives. Cyclic hydrocarbides and their derivatives. The alkaloids and their constitution. The terpenes.

Practical Work.—Determination of nitrogen in organic compounds by absolute method. Identification of typical organic compounds. Use of polariscope. Preparation of two typical organic compounds.

NOTE.—The quantitative practical work in Experimental Physics and Chemistry carried out and properly recorded during this year will be taken into account in deciding the merits of candidates.

SENIOR SOPHISTERS.

HILARY EXAMINATION.

Course in Experimental Physics.

Thermodynamics.—Indicator diagrams, isothermal and adiabatic changes, specific heats, efficiency, reversible engines, absolute scale of temperature, flow of gas through a porous plug. Kinetic theory of gases.

Electricity.—Alternating currents, dynamometers, Cardew's voltmeter, Kelvin balance, ammeters and voltmeters, self-induction and mutual induction, secohmmeter, transformers, characteristics of series, shunt, and compound dynamos, efficiency of electric transmission of power, B.A. measurement of the Ohm, Lorentz' method, induction motors polyphase currents, theory of telegraphy.

Practical Work.—Taking indicator diagram, determination of effects of salts in solution on freezing and boiling points.

Measurement of coefficients of self- and mutual induction, capacity, strong magnetic fields, efficiency of motors and lamps, plotting characteristics of dynamos, standardising dynamometers and voltmeters.

Course in Chemistry.

The relations between the physical properties—boiling point, molecular volume, molecular refraction, molecular rotation—of compounds and their chemical composition and constitution.

Organic Chemistry.—Determination of constitution of organic substances. General methods of identification of the various radicles.

NOTE.—During this term a few special lectures on Organic Chemistry will be given.

Practical Work.—Application of analysis to natural and artificial products. Electro-chemical analysis. Gas analysis.

TRINITY EXAMINATION.

Course in Experimental Physics.

General properties of matter—Pressure in flowing fluid, spray distributors, momentum and energy of fluid, viscosity, electric chronograph, rates of diffusion, spheroidal state.

Light.—Colours, achromatism, anomalous dispersion, polarization, Fresnel's theory, double refraction, Nicol's, Rochon's, and Wollaston's prisms, wave surface in crystals, conical refraction, metallic reflection,

quarter wave plate, Fresnel's rhomb, rings and crosses of polarized light, rotatory polarization, magnetic action on light, production of polarized light.

Practical Work.—Pressure in flowing fluid, measurement of coefficient of viscosity, of velocity of bullet electrically. Plotting anomalous spectrum, determination of focal lines for light through lens in direction inclined to axis, measurement of angle between optic axes of crystal, observation of internal and external conical refraction, measurement of rotatory power of sugar solutions, and of refractive index by polarizing angle.

Course in Chemistry.

Chemical Mechanics:—Guldberg and Waage's theory. Chemical equilibrium:—Reversible reactions and dissociation phenomena. Chemical dynamics.

Organic Chemistry.—Continuation of work of previous term with a view to Chemical research.

Practical Work.—Extension of previous course. Ultimate organic analysis. Determination of molecular weights by various recognized methods.

Trinity Term.

During the three Terms of the Senior Sophister year, Lectures are delivered in Physics on the Special Course for Moderatorship specified for the year.

Each Student will carry out during Trinity Term an investigation depending on the special course he has selected for Moderatorship. The results should be handed in to the Professor prior to the Moderatorship Examination in October.

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§ V.—Natural Science.

Junior and Senior Freshman Years.

Prizes are given in Natural Science, at the close of the Junior and Senior Freshman years. The Examinations for these Prizes are held in Michaelmas Term, on days specified in the University Almanac. The following Course has been appointed:—

Junior Freshmen.

Zoology, . .	Entrance Prize Course.
	External morphology of Sea Anemone; Earthworm; Crayfish; Spider; Snail; Pigeon or other Bird; Rabbit or other Mammal.
	General Principles of Physiology.
	Thomson's Outlines of Zoology may be consulted.
Botany, . .	The Morphology and Physiology of the following types:—Saccharomyces, Sphaerella, Nostoc, Bacillus, Spirogyra, Volvox, Vaucheria, Mucor, Phytophthora, Penicillium, Peziza, Agaricus, Fucus, Polysiphonia, Marchantia, Polytrichum, Pteris, Larix, Scilla, Ranunculus. (Principles of Botany: Bergen and Davis.)

GEOLOGY, . . Huxley's Physiography, with Geikie's Class Book of Geology, to end of chap. xiv. A practical acquaintance with the rocks and minerals described in the Course will be expected of the candidate, and he is recommended to attend the practical demonstrations given in Trinity Term.

SENIOR FRESHMEN.

ZOOLOGY, . . Entrance Prize Course and Junior Freshman Course as before.
External morphology of Zoophyte; Starfish; Leech: Centipede; Mya or Anodon; Cuttle-fish; Cod or other Fish; Lizard.
Internal morphology of Fish; Frog; Bird; Mammal.
Life-history of Zoophyte.
Thomson's Outlines of Zoology may be consulted.

BOTANY, . . . As before, with the morphology and physiology of the following types:—Badhamia, Puccinia, Physcia, Pilobolus, Pythium, Callithamnion, Ectocarpus, Pelvetia, Drapernaldia, Pellia, Sphagnum, Marsilia, Selaginella, Equisetum, Lycopodium, Taxus, Iris, Cheiranthus. (Principles of Botany: Bergen and Davis.)

GEOLOGY, . . As before, with the Demonstrations in Petrology and Mineralogy of Michaelmas Term.

N.B.—Students are recommended to apply to the Professors of Zoology, Botany, and Geology for access to specimens illustrating the Courses.

Junior and Senior Freshmen taking up Natural Science may attend with advantage the Michaelmas Term Lectures of the Professor of Geology, who will give any information required on application.

Honors are given at each Examination in the Junior and Senior Sophister years.

JUNIOR SOPHISTER YEAR.

HILARY EXAMINATION.

ZOOLOGY, . . . As before; with the Professor's Lectures and Demonstrations during Michaelmas Term.

BOTANY, ... As before, with the Professor's Lectures and the practical work during Michaelmas Term. (Strasburger's Text Book of Botany, Part ii., sect. i. Thallophyta and Bryophyta.)

GEOLOGY, ... The Professor's lectures during Michaelmas Term. The student should refer to Geikie's Text Book of Geology, vol. i. Questions in Elementary Petrology and Mineralogy will be set.

Trinity Examination.

Zoology, ... As before; with the Professor's Lectures and Demonstrations during Hilary Term.

Botany, ... As before, with the Professor's Lectures and the practical work during Hilary Term. (Strasburger's Text Book. Part ii., sects. i. and ii. Pteridophyta and Phanerogamia.)

Geology, ... The Professor's lectures and the Demonstrations in Palæontology during Hilary Term. Lapworth's Intermediate Text Book of Geology, Part iii., and Wood's Palæontology may be consulted. Questions in Petrology and Mineralogy will be set.

Michaelmas Examination.

Zoology, ... As before; with the Professor's Lectures and Demonstrations during Trinity Term.

Botany, ... As before, with the Professor's Lectures and the practical work during Trinity Term. (Strasburger's Text Book. Part i., sec. ii.)

Geology, ... The work for the Trinity Examination and Marr's Principles of Stratigraphical Geology.

senior sophister year.

Hilary Examination.

Zoology, ... As before.

Botany, ... As before, with practical work.

Geology, ... The work for the Michaelmas Examination of the Junior Sophister year. Geikie's Text Book of Geology, vol. ii, may be consulted.

Trinity Examination.

Zoology, ... As before.

Botany, ... As before, with practical work.

Geology, ... As for the Hilary Examination.

§ VI.—History and Political Science.

JUNIOR AND SENIOR FRESHMAN YEARS.

Honor Examinations, of one day each, in Modern History are held in Hilary and Trinity Terms of the Junior and Senior Freshmen years, and Prize Examinations in Michaelmas Terms.

The following Course has been appointed:—

JUNIOR FRESHMAN YEAR.

Period { English and Irish History, 449–1485.
European History, 476–1494.

No books are specially prescribed for any of the examinations. The following are recommended *only as a guide* to candidates in their reading:—

Hilary Examination.

A. English and Irish History, 449–1066. (*One paper*):

[Oman, . *England before the Norman Conquest.*
Joyce, . *Short History of Ireland*: Part II.]

B. European History, 476–918. (*One paper*):

[Oman, . *The Dark Ages.*
Bryce, . *The Holy Roman Empire*, chaps. 1–6.
Davis, . *Charlemagne.*]

Trinity Examination.

A. English and Irish History, 1066–1272. (*One paper*):

[Davis, . *England under the Normans and Angevins.*
Joyce, . *Short History of Ireland*: Part III, chaps. i to x, inclusive.]

B. European History, 918–1273. (*One paper*):

[Tout, . *The Empire and the Papacy.*
Bryce, . *The Holy Roman Empire*, chaps. 6–13.
Fisher, . *The Medieval Empire*, chaps. 1, 3, 7, 10.]

Michaelmas Examination.

A. English and Irish History, 1272–1485. (*Two papers*):

[Hunt and Poole, *The Political History of England*, Vols. III and IV.
Trevelyan, . *England in the Age of Wycliffe.*
Gairdner, . Introduction to *The Paston Letters.*
Bagwell, . *Ireland under the Tudors*, chaps. 5–7.
O'Connor Morris, *Ireland* (ed. Dunlop), chap. 2.]

B. European History, 1273–1494. (*Two papers*):

[Lodge, . *The Close of the Middle Ages.*
Lavisse et Rambaud, . } *Histoire Générale*, vol. III, chaps. 1–6.
Armstrong, . *Lorenzo de' Medici.*]

SENIOR FRESHMAN YEAR.

Period { English and Irish History, 1485–1801.
European History, 1494–1814.

HILARY EXAMINATION.

A. English and Irish History, 1485–1603. (*One paper*):

Hunt and Poole, *The Political History of England*, vol. v.
Pollard, " . *Henry VIII.*
Creighton, . *Queen Elizabeth.*
O'Connor Morris, *Ireland* (ed. Dunlop), chaps. 3, 4.

B. European History, 1494–1598. (*One paper*):

Johnson, . *Europe in the Sixteenth Century.*
The Cambridge Modern History, vol. I, chap. 19.

TRINITY EXAMINATION.

A. English and Irish History, 1603–1714. (*One paper*):

Trevelyan, . *England under the Stuarts.*
Firth, . *Oliver Cromwell.*
Gardiner, . *Cromwell's Place in History.*
Lecky, . *History of Ireland in the Eighteenth Century.* chap. 1.

The Cambridge Modern History, vols. IV, chap. 18; V, chap. 10.

B. European History, 1598–1715. (*One paper*):

Wakeman, . *The Ascendancy of France.*
Acton, . *Lectures on Modern History*, chaps. 9–15.

MICHAELMAS EXAMINATION.

A. English and Irish History, 1714–1801. (*Two papers*):

Hunt and Poole, *The Political History of England*, vols. IX and X.
Morley, . *Walpole.*
Morley, . *Burke.*
Rosebery, . *Pitt.*
Lecky, . *History of Ireland in the Eighteenth Century*, chaps. 2–5, 7, 8, 12, 13.

The Cambridge Modern History, vol. VI, chap. 14.

B. European History, 1715–1814. (*Two Papers*):

Hassall, . *The Balance of Power.*
Morse Stephens, *Revolutionary Europe.*
Johnston, . *History of the French Revolution.*
Rose, . *Napoleonic Studies.*

JUNIOR SOPHISTER YEAR.

Honors are given in History and Political Science at each Examination in the Junior Sophister year.

No books are specially prescribed for any of the examinations. The following are recommended *only as a guide* to candidates in their reading:—

Hilary Examination.

A. English Constitutional History, to 1307. (*One paper*):
[Maitland, . *The Constitutional History of England.*
M'Kechnie, . *Magna Carta.* Historical Introduction.
Stubbs, . *The Constitutional History of England*, chaps. 15 and 19.
Petit-Dutaillis, . *Studies Supplementary to Stubbs' Constitutional History.*
Medley, . *English Constitutional History.*]

B. European History. The First Three Crusades. (*One paper*):
[Stevenson, . *The Crusaders in the East.*
Sybel, . *History and Literature of the Crusades.*
Stubbs, . Preface to *Itinerarium Regis Ricardi* (Rolls Series).
Archer, . *The Crusade of Richard I.*
Oman, . *The Art of War in the Middle Ages.*]

C. Economic History. Outlines of History to 1600.
[Meredith, . *Economic History of England.* Introduction, Books I and II.]

Trinity Examination.

A. English Constitutional History, to 1625. (*One paper*):
[Maitland, . *The Constitutional History of England.*
Dicey, . *The Privy Council.*
Prothero, . Introduction to *Select Statutes, etc., 1558–1625.*
Medley, . *English Constitutional History.*]

B. European History. France in the Seventeenth Century. (*One paper*):
[Cambridge Modern History, III. 20: IV, 4, 21; V, 1, 2, 3, 4, 13, 14.
Lavisse, . *Histoire de France.*
Willert, . *Henry of Navarre.*
Perkins, . *Richelieu.*
Retz, . *Mémoires.*
Tilley, . *Selections from Saint-Simon.*]

C. Economic History. Outlines of History, 1600–1760.
[Meredith, . *Economic History.* Book III.
Unwin, . *Industrial Organization.*]

MICHAELMAS EXAMINATION.

A. English Constitutional History, from 1625. (*One paper*):
[Maitland, . *The Constitutional History of England.*
Gardiner, . Introduction to *Constitutional Documents, 1625-1660.*
Dicey, . *The Law of the Constitution.*
Low, . *The Governance of England.*
Medley, . *English Constitutional History.*]

B. European History, 1814–1878. (*One paper*):
[W. Alison Phillips, *Modern Europe.*
The Cambridge Modern History, vols. x and xi (for reference)].

C. Economic History. Outlines of History, 1760–1900.
[Meredith, . *Economic History.* Book IV.
Toynbee, . *Industrial Revolution.*]

§ VII.—MODERN LITERATURE.

Separate Honor Examinations are held each Term in the Freshman years in English Literature, in French, in German, in Italian, and in Spanish.

The following Courses have been appointed:—

ENGLISH LITERATURE.

JUNIOR FRESHMEN.

Hilary Examination.

History of English Literature: 1500 to 1600, but including whole career of Shakespeare; as in Wyatt and Low's Text-Book of English Literature.
Shakespeare: A Midsummer Night's Dream; Henry V.
Spenser: The Faery Queene, book i.
More: Utopia, with Roper's Life of More (ed. Lumby, Cambridge).
Palgrave's Golden Treasury, book i.

Trinity Examination.

History of English Literature: 1600 to 1660, but including whole career of Milton; as in Wyatt and Low.
Shakespeare: Julius Caesar; Coriolanus.
Spenser: The Faery Queene, book ii.
Bacon: Essays.
Palgrave's Golden Treasury, book ii.

Michaelmas Examination.

History of English Literature: from the beginnings to 1500, as in Wyatt and Low.
Shakespeare: As You Like It; Twelfth Night.
Milton: Lycidas; Comus.
Spenser: Colin Clout's Come Home Again.
Sidney: Apology of Poetry.

Senior Freshmen.

Hilary Examination.

History of English Literature: 1660 to 1798, as in Wyatt and Low.
Chaucer: Prologue to Canterbury Tales.
Shakespeare: Merchant of Venice; The Tempest.
Milton: Paradise Lost, books i, ii; Areopagitica.

Trinity Examination.

History of English Literature: 1798 to 1832, as in Wyatt and Low.
Chaucer: Knight's Tale; Squire's Tale; Nun's Priest's Tale.
Shakespeare: Richard III; Romeo and Juliet.
Addison: Coverley Papers, and Critical Papers, from the Spectator (selections ed. T. Arnold, Oxford).

Michaelmas Examination.

Chaucer: Clerk's Tale: Prioress's Tale; Sir Thopas; Prologue to Legend of Good Women.
Shakespeare: Macbeth; Hamlet.
Dryden: Absalom and Achitophel.
Pope: Rape of the Lock; Essay on Criticism.
Swift: Drapier's Letters.

FRENCH.

[Students are expected to make themselves acquainted with the outlines of the History of France so far as it bears on the literary period studied in each Term.]

The studies in this department fall into the following three divisions:

1. Practical exercises in the use of the spoken and written languages: Pronunciation, Conversation, Composition.

2. Theoretical Study of the French Language: Grammar of Modern French, History of the French Language.

3. History of French Literature, and detailed study of selected Literary Works.

Junior Freshmen.

Hilary Examination:

Corneille: Nicoméde (P. de Julleville—Hachette); Le Menteur (P. de Julleville—Hachette).
Racine: Andromaque (Oxford University Press).
Balzac: Le Colonel Chabert (Clarendon Press).

Trinity Examination:

Molière: Les Précieuses Ridicules (Lanson—Hachette); Les Femmes Savantes (Lanson—Hachette); L'Avare (Manchester University Press); Le Misanthrope.
Maupassant: Six Contes (Cambridge Univ. Press).
Selections from the French Fabulists (Manchester University Press).

Michaelmas Examination :

Marivaux: Théâtre (in *Tous les Chefs d'œuvre*).
Sainte Beuve: Selections (Tilley—Oxford University Press).
Les Epistoliers du xviii^e^ Siècle (Dent's Tous les Chefs d'œuvre).
Faguet: Le Dix-Huitième Siècle.
Balzac: Père Goriot (Oxford University Press—American Branch).

Senior Freshmen.

Hilary Examination :

Chateaubriand: Extraits (Brunetière—Hachette).
V. Hugo: La Légende des Siècles (Clarendon Press); Les Feuilles d'Automne.
Hugo: Préface de Cromwell (Souriau).

Trinity Examination:

Balzac: Eugénie Grandet (Calmann-Lévy).
V. Hugo: Le Rhin (Nelson).
Vielé-Griffin: Plus Loin.
Sand: La Petite Fadette.

Michaelmas Examination :

Vigny: Selected Poems (Peers—Manchester University Press).
Musset: Poésies Nouvelles (excluding Rolla). [In Dent's *Tous les Chefs d'Œuvre*.]
Gautier: Voyage en Italie (Pitt Press).
Renan: Souvenirs de Jeunesse.

GERMAN.

Honor Course in German.

The studies in this department fall into the following three divisions:

1. Practical Study of the German Language: Phonetics and Exercises in Pronunciation, Conversation, Composition.

2. Theoretical Study of the German Language: Grammar of Modern German, History of the German Language.

3. History of German Literature, and detailed study of selected Authors and Literary Works.

Note.—Students are expected to make themselves acquainted with the outlines of the History of Germany in so far as it bears on the literary period studied in each Term. They are further expected to pay some attention to present-day events in Germany, and passages for Unseen Translation from current newspaper and magazine literature will be set at the various examinations.

The following Course has been appointed. It is to be noted that questions may be set at any examination from any part of the Course for a previous examination:—

JUNIOR FRESHMEN.

Hilary Examination:

Robertson: History of German Literature, Part v., first six chapters.
Kleist: Prinz Friedrich von Homburg.
Viëtor: Deutsches Lesebuch in Lautschrift, II. Teil.
Viëtor: German Pronunciation: Practice and Theory.

Trinity Examination:

Robertson: History of German Literature, Part v., chaps. vii. to xii. (inclusive).
Heine: Buch der Lieder.
Grillparzer: Der Traum, ein Leben.

Michaelmas Examination:

Robertson: History of German Literature, Part v., chap. xiii. to end.
Hebbel: Agnes Bernauer.
Sütterlin und Waag: Deutsche Sprachlehre.

SENIOR FRESHMEN.

Hilary Examination:

Robertson: History of German Literature, Part iv., first six chapters.
Lessing: Die Hamburgische Dramaturgie.
Lessing: Minna von Barnhelm.

Trinity Examination:

Robertson: History of German Literature, Part iv., chaps. vii. to x. (inclusive).
Lessing: Nathan der Weise.
Lessing: Emilia Galotti.

Michaelmas Examination:

Robertson: History of German Literature, Part iv.
Schiller: Wallenstein—Lager und Piccolomini.
Goethe: Hermann und Dorothea.
Goethe: Gedichte, (Lieder, Gesellige Lieder, Aus W. Meister, Balladen, and Vermischte Gedichte.)

ITALIAN.

The studies in this department fall into the following three divisions:—

1. Practical exercises in the use of the spoken and written languages: Pronunciation, Conversation, Composition.

2. Theoretical study of the Italian Language: Grammar of Modern Italian, History of the Italian Language.

3. History of Italian Literature, and detailed study of selected Literary works.

JUNIOR FRESHMEN.

Hilary Examination:

D'Annunzio: Prose Scelte (Milan, Treves).
Hauvette: Littérature italienne, Part IV.

Trinity Examination:

Carducci: Antologia Carducciana (Bologna, Zanichelli).
Hauvette: Littérature italienne, Part III.

Michaelmas Examination:

Leopardi: Prose Morali (Florence, Sausoni).
Hauvette: Littérature italienne, Part II.

SENIOR FRESHMEN.

Hilary Examination:

Le Cento Migliori Liriche (Gowans and Gray).
Gozzano: L'Altare del Passato.
Hauvette: Littérature italienne, Part I.

Trinity Examination:

Fogazzaro: Piccolo Mondo antico.
Metastasio: Drammi scelti (as for Moderatorship).
Hauvette: Dante.

Michaelmas Examination:

Tasso: Gerusalemme liberata, cantos i–x.
Boccaccio: Novelle scelte (as for Moderatorship).
Hauvette: Boccace.

SPANISH.

The studies in this department fall into the following three divisions:—

1. Practical exercises in the use of the spoken and written languages: pronunciation, conversation, composition.
2. Theoretical study of the Spanish Language: Grammar of Modern Spanish, History of the Spanish Language.
3. History of Spanish Literature, and detailed study of selected Literary works.

JUNIOR FRESHMEN.

Hilary Examination.

Moratín: El Sí de las Niñas (Ginn).
Cervantes: El Licenciado Vidriera and La Ilustre Fregona (Cambridge).

Trinity Examination.

Najera: Cuentos color de humo.
Antología de los mejores poetas castellanos (Nelson).

Michaelmas Examination.

Pio Baroja: La Ciudad de le Niebla (Nelson).
Antonio Machado: Campos de Castilla.
Azorín: Al Márgen de los Clásicos (Residencia de Estudiantes).

SENIOR FRESHMEN.

Hilary Examination.

Cervantes: Don Quijote. Part i., 1–26.
Jose de Armas: El Quijote y sa Epoca (Renacimiento).
Azorín: Los Valores literarios (Renacimiento).

Trinity Examination.

Cervantes: Don Quijote. Part i., 27 to end.
Azorín: Clásicos y Modernos (Renacimiento).

Michaelmas Term.

Cervantes: Don Quijote. Part ii.
Azorín: La Ruta de Don Quijote (Renacimiento).
Icaza: El Quijote durante tres Siglos.

Honors are given in Modern Literature at each Examination in the Junior Sophister year. Candidates are permitted to take any two of the five languages—English, French, German, Italian, and Spanish. The numbers of marks assigned to the two languages selected by a Candidate are equal.

The following Courses have been appointed:—

JUNIOR SOPHISTER YEAR.

HILARY EXAMINATION.

ENGLISH, . Shakespeare: King Lear; Antony and Cleopatra.
Milton: Samson Agonistes.
Wordsworth: Matthew Arnold's selection (Macmillan).
Palgrave's Golden Treasury, Books iii and iv.
Burke: Reflections on the French Revolution.

FRENCH, . Scève: Délie (Selections).
Ronsard: Selected Poems (Lucas—Clarendon Press), excluding Odes.
Du Bellay: Divers jeux rustiques et autres œuvres poétiques (Sansot); Les Regrets (Sansot).
Montaigne: Extraits (Petit de Julleville—Delagrave).
Lanson: Histoire de la Littérature française, Part iii.

GERMAN, . Robertson: History of German Literature, Parts i. and ii., first two chapters.
Schiller: Wallensteins Tod.
Wright: Grammar of the Gothic Language, (Accidence, Syntax, and Text).

ITALIAN, . . Dante: Inferno.
Petrarca: Canzoniere.
Poliziano: Le Stanze, L'Orfeo, e le Rime.
Carducci: Saggi sul Poliziano.

SPANISH, . . Calderón: El Alcalde de Zalamea.
La Vida es Sueño.
Menéndez y Pelayo: Calderón (Revista de Archivos).

Trinity Examination.

English, .
Marlowe: Edward II.
Shakespeare: Richard II.
Byron: Matthew Arnold's selection (Macmillan).
Shelley: Stopford Brooke's selection.
Keats: Lamia; Eve of St. Agnes.
Essays of Elia (First Series).

French, .
Corneille: Polyeucte, Don Sanche; La Galerie du Palais (Manchester University Press); Le Cid (P. de Julleville—Hachette).
Racine: Athalie (ed. Bernardin, pub. Delagrave); Phèdre (Bernardin—Delagrave).
Lanson: (*ut supra*) Part iv.
Hanotaux: La France en 1614 (Nelson).

German, .
Robertson: History of German Literature, Part ii. Chaps. iii. to viii. (inclusive).
Schiller: Die Räuber.
Goethe: Faust, I. Teil.
Wright: Old High German Primer.

Italian, . .
Dante: Purgatorio.
Petrarca: I Trionfi.
Sannazaro: L'Arcadia.
Torraca: Jacopo Sannazaro.

Spanish, , .
Lope de Vega: La Moza de Cántaro.
Garcilaso de la Vega: Obras

Michaelmas Examination.

English, .
Shakespeare: Othello; A Winter's Tale.
Tennyson: In Memoriam; The Princess; Maud; and the poems comprised in pp. 27–103 of Macmillan's one-volume edition of Tennyson.
Browning: Men and Women.
Ruskin: Seven Lamps of Architecture.

French, .
Diderot: Extraits (Texte—Hachette).
Regnard: Le Joueur.
La Chançun de Willame (Oxford University Press, American Branch).
Lanson: (*ut supra*) Part v.

German, .
Robertson: History of German Literature. Parts ii. and iii.
Goethe: Faust, II. Teil.
Schiller: Die Braut von Messina.
Der Nibelunge Nôt (Sammlung Göschen 1).
Wright: Middle High German Primer.

ITALIAN, . . Dante: Paradiso.
Tasso: L'Aminta.
Guarini: Il Pastor fido.
Carducci: Saggi sul Tasso.

SPANISH, . . Téllez: Don Gil de las Calzas verdes.
R. Menéndez Pidal: Antología de Prosistas castellanos (Revista de Filología española).

Subjects for English Essays will be proposed at each Examination. The proficiency of Candidates in the other languages will be tested by oral Examination, as well as by written versions from English, and Compositions in the language selected by each Candidate.

§ VIII.—LEGAL AND POLITICAL SCIENCE.

Honor Examinations are held in the Hilary and Trinity Terms of the Junior and Senior Sophister Years, and a Prize Examination in the Michaelmas Term of the Junior Sophister Year.

Candidates for Honors in Trinity Term are liable for the Course of the preceding Term, and candidates in Michaelmas Term are liable for the Courses of the two preceding Terms.

Junior Sophisters.

HILARY EXAMINATION.

JURISPRUDENCE.

The scope and methods of Jurisprudence.
The elements of analytical Jurisprudence.
[Holland, Elements of Jurisprudence, chaps. 1–10; Pollock, First Book of Jurisprudence, Pt. I.]

ROMAN LAW.

History of Roman Law: the Law of Persons.
[Justinian, Institutes, Bk. I. (edited Moyle, with Introduction); Sohm, Institutes of Roman Law.]

CONSTITUTIONAL HISTORY.

[Maitland, The Constitutional History of England.]

POLITICAL AND ECONOMIC SCIENCE.

Scope and Method of Economics; Theory of Production and Exchange.
[Taussig, Principles of Economics, Books 1, 2, 3.]

TRINITY EXAMINATION.

International Law.

Sources and History of International Law; the Relations of States in Peace.
[Lawrence, Principles of International Law, parts I. and II.; Westlake, International Law, Pt. I., Peace.]

Roman Law.

The Law of Property and Inheritance.
[Justinian, Institutes, Book II., Book III., Titles 1–12; Sohm, Institutes.]

Constitutional Law and History.

[Dicey, Law of the Constitution (latest edition), with the Texts of Magna Charta, The Petition of Right, and The Bill of Rights.]

Political and Economic Science.

The Theory of Distribution and Consumption.
[Taussig, Principles of Economics, Book 5.]

MICHAELMAS EXAMINATION.

International Law.

International Disputes: Belligerency: Neutrality.
[Lawrence, Principles, Parts III. and IV.; Westlake, International Law, Part II., War.]

Roman Law.

The Law of Obligations and Actions.
[Justinian, Institutes, Book III., Titles 13 to end, Book IV.; Sohm, Institutes.]

English Law.

(*a*) Law of Property.
[Strahan and Baxter, General View of the Law of Property.]

(*b*) Law of Evidence.
[Stephen, Digest of the Law of Evidence.]

POLITICAL AND ECONOMIC SCIENCE.

The economic functions of government.
The theory of taxation and public debts.
[Sidgwick, Elements of Politics, Part I.; Taussig, Principles of Economics, Bk. viii.; J. S. Mill, Principles of Political Economy, Bk. v.]

Senior Sophisters.

HILARY EXAMINATION.

JURISPRUDENCE.

As in Junior Sophister Year, together with the elements of historical and comparative Jurisprudence.
[Maine, Ancient Law, Early Law and Custom; Holland, Elements of Jurisprudence, chaps. 11–18; Pollock, First Book of Jurisprudence, Part II.]

ENGLISH LAW.

(*a*) Real Property, as in Junior Sophister Michaelmas Examination, together with the work of the ordinary Law Lectures in Michaelmas Term. Equity: The origin and development of the Court of Chancery; the general principles of Equity; the Law of Trusts.
[Strahan and Kenrick, Digest of Equity; H. A. Smith, Principles of Equity.]

(*b*) Law of Contract.
[Anson, Principles of the English Law of Contract.]

POLITICAL AND ECONOMIC SCIENCE.

As in Junior Sophister Year.

TRINITY EXAMINATION.

ENGLISH LAW.

(*a*) Real Property; the work of the ordinary Lectures of Hilary Term. Equity: the doctrines of Election, Conversion, Satisfaction, and Performance; Equitable relief on grounds of Fraud, Misrepresentation, and Mistake; Equitable Remedies.
[Strahan and Kenrick, Digest of Equity; H. A. Smith, Principles of Equity.]

(*b*) The Law of Torts.
[Pollock, Law of Torts.]

Political and Economic Science.

The History of Political and Economic Theories.
[Pollock, History of the Science of Politics; Ingram, History of Political Economy; Dunning, History of Political Theories.]

N.B.—The books mentioned within brackets in the above Courses are intended to show the scope of the examinations, and the standard of attainment expected from candidates.

§IX. Celtic Languages.

Prize Examinations in Old and Middle Irish are held in the Michaelmas Term of the Junior and Senior Freshman Years, and a Prize Examination in Celtic Languages in the Michaelmas Term of the Junior Sophister year. The following Courses have been appointed:—

JUNIOR FRESHMAN YEAR.

(*a*) Texts—

Strachan: Selections from the O.-Ir. Glosses.
Scéla na Esergi.
Dá Brón Flatha Nime.
Strachan, "Stories from the *Táin*."

(*b*) Grammar.

(*c*) Joyce: Names of Places, First Series.

SENIOR FRESHMAN YEAR.

(*a*) Texts—

Imram Máiledúin.
Scél Muicce maic Dáthó and Echtra Chondla.
Táin Bó Fráich.
The Würzburg Glosses, Epistle to the Romans.

(*b*) Grammar.

(*c*) Joyce: Smaller Social History of Ancient Ireland.

JUNIOR SOPHISTER YEAR.

(*a*) Texts—

Tochmarc Étáine.
The Würzburg Glosses, Epistles to the Corinthians, Galatians, and Ephesians.
Bruden Dá Derga.

(*b*) Grammar of Early Irish and Early Welsh. Thurneysen's and Strachan's handbooks are recommended.

(*c*) J. Mac Neill: Phases of Irish History.

(*d*) Welsh: Peredur ab Efrawc

Moderatorships.

In the Michaelmas Term of the fifth, or Candidate Bachelor, year, the B.A. Degree Examination includes Examinations for Moderatorships in each of the following subjects:—

1. Mathematics.
2. Classics.
3. Mental and Moral Philosophy.
4. Experimental Science.
5. Natural Science.
6. History and Political Science.
7. Modern Literature.
8. Legal and Political Science.
9. Engineering Science.
10. Celtic Languages.
11. Oriental Languages.

The Course appointed for Examination in each of these subjects is as follows:—

MODERATORSHIPS IN MATHEMATICS.

The Course for Moderatorships is the same as the Honor Course in Mathematics.

Notice of Candidature must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN CLASSICS.

This Course consists of two parts—one general, the other variable from year to year.

Candidates will be critically examined in a Special Course.

Special Courses for 1922.

Greek, . .	Pindar, Pythian Odes. Aristophanes, Frogs. Bucolici Graeci (Oxford text of Wilamowitz, pp. 1–120, omitting Theocritus II, IV, V, XII, XVIII, XXVII, XXIX, XXX, and the epigrams).
Latin, . .	Virgil, Georgics. Propertius. Pliny's Letters, Books III–VII (inclusive).

Passages will be set for translation, selected from the Greek and Latin classical authors generally. Candidates will be further examined in the higher Greek and Latin Grammar and Criticism, in the Political and Literary Histories of Greece and Rome, in Greek and Latin Composition, and in Comparative Philology.

Course in Comparative Philology:—

Edmond's Comparative Philology, and the Lectures of the Professor.

Course in History and Literature:—

Holm, . . .	History of Greece, Vols. I., II., and III.
Mahaffy, . .	History of Greek Literature.
Mommsen, . .	History of Rome, Book I., chaps. 12–15; Book II., chaps. 8 and 9; Book III., chaps. 12–14; Book IV., chaps. 12 and 13; Book V., chap. 12.
How and Leigh,	History of Rome.
Bury, ...	Student's Roman Empire, chaps. 1–25.
Tyrrell, . .	Latin Poetry, chaps. 1–8.

Together with the lectures of the Professor of Ancient History and Classical Archæology in Ancient History and Classical Archæology during the two academic years preceding each examination.

The subjects for Essays will be chosen from the above Course.

The numbers assigned as marks to the various subjects of Examination will be as follows:—

	Marks.
Four Papers of Passages, ...	80
Four Compositions, ...	60
Special Course (*vivâ voce*), ...	60
Higher Grammar and Criticism, . .	25
Philology, ...	25
History and Literature, ...	50
	300

The arrangement of the Examination will be as follows:—

9.30 a.m. to 12.30 p.m.—1st day, Greek Prose Passages. 2nd day, Greek Verse Passages. 3rd day, Latin Prose Passages. 4th day, Latin Verse Passages.

2 p.m. to 5 p.m.—1st day, Greek Prose Composition (one hour and a-half), Greek Verse Composition (one hour and a-half). 2nd day, Latin Prose Composition (one hour and a-half), Latin Verse Composition (one hour and a-half). 3rd day, Higher Grammar and Criticism (one hour and a-half), Paper in Philology (one hour and a-half). 4th day, Paper in History and Literature.

Notice of Candidature must be given to the Senior Lecturer, on or before June 15th.

MODERATORSHIPS IN MENTAL AND MORAL PHILOSOPHY.

I. Every Candidate will be examined—

(*a*) On his general knowledge of the history and problems of philosophy (30 marks).

(*b*) On the following compulsory course (40 marks):—

Plato's *Republic*.
Aristotle's *Ethics*.
Descartes' *Meditations*.
Hume's *Enquiry Concerning Human Understanding*.
Kant's *Kritik of the Pure Reason*.
Kant's *Fundamental Principles of the Metaphysic of Morals*.
Hegel's *Subjective Logic*, Introductory Chapters and Section 1.
Höffding's *Psychology*.

II. Every Candidate shall present for examination any *two* of the following Courses:—A, B, C, D, E, F (15 marks each), *or* Course G (30 marks), and shall give notice of his choice to the Professor of Moral Philosophy before the 20th of June preceding his examination.

A.

Greek Pre-Socratic and Platonic Philosophy.—Course of reading recommended:—

Ritter and Preller's *Historia Philosophiae Graecae*, to the end of the Academia Vetus.

B.

The Aristotelian, Later Greek, and Mediaeval Philosophy.—Course of reading recommended:—

Ritter and Preller's *Historia Philosophiae Graecae*, Aristoteles eiusque discipuli, Sceptici antiquiores, Academici nov. Sceptici recentiores, Philo Judaeus, Neoplatonici.

Wulf's *History of Mediaeval Philosophy*, Patristic Philosophy, and Mediaeval Philosophy to the middle of the fifteenth century.

C.

Modern Pre-Kantian Intellectualism.—Course of reading recommended:—

Leibniz' *Monadology* and *New System* (with *Explanations*).
Spinoza's *Ethics*, Books i and ii.

D.

Empirical Philosophy.—Course of reading recommended:—

Locke's *Essay Concerning Human Understanding*, Books ii and iv.
Berkeley's *Principles of Human Knowledge*.
James's *Pragmatism*.
Bergson's *Creative Evolution*.

E.

The Philosophy of Kant.—Course of reading recommended:—

Kant's *Kritik of Judgment*.

F.

The Philosophy of Hegel.—Course of reading recommended:—

Hegel's *Logic* (Part i of Hegel's *Encyclopedia*).

G.

Ancient and Modern Ethics.—Course of reading recommended :—

Zeller's *Stoics and Epicureans*, Chaps. x–xii, xiv, xix-xxi.
Spinoza's *Ethics*, Books iii, iv, and v.
Butler's *Sermons* and *Nature of Virtue*.
Kant's *Kritik of the Practical Reason*.
Spencer's *Data of Ethics*.
Sorley's *Ethics of Naturalism*.
Green's *Prolegomena to Ethics*, Books iii, iv, and v.
Seth's *Ethical Principles*, Introduction.

Notice of Candidature, with Special Courses chosen, must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN EXPERIMENTAL SCIENCE.

THE subjects of Examination for Moderatorships in Experimental Science, and the relative weights to be attached to the different subjects, are as follows:—

	Marks.
(1) General Paper in Physics,	100
(2) *Either* General Paper in Physics, *or* General Paper in Chemistry,	100
(3) *Either* Special Paper in Physics, *or* Special Paper in Chemistry,	100
(4) General Paper in Chemistry,	100
(5) Essays in Physical subjects,	50
(6) Essays in Chemical subjects,	50
(7) Practical Examination in Physics,	50
(8) Practical Examination in Chemistry,	50
(9) Practical work during Sophister years, *either* 300 marks in Physics, and 100 in Chemistry, *or* 300 in Chemistry, and 100 in Physics,	400

The Course in each subject consists of the Honor Courses of the Freshman and Sophister Years, together with a Special Course and a Special Investigation. A Special Course in Physics is appointed which, until further notice, will be Current Electricity.

In Chemistry a student is allowed, at the commencement of his Senior Sophister year, to select either Inorganic, Organic, or Physical Chemistry as his Special Course.

Candidates are not required to answer in the Special Courses in both Experimental Physics and Chemistry, or to undertake research in both branches.

In order to qualify for a Gold Medal, candidates must obtain not less than 35 per cent. in the secondary subject they have taken.

Notice of Candidature, with Special Courses chosen, must be given to the Senior Lecturer, on or before June 15th.

MODERATORSHIPS IN NATURAL SCIENCE.

Two Courses of study (A) or (B) are defined as suitable for this Examination; one of these Courses (B) is specially adapted to the requirements of Medical Students.

(A.)

(A) consists of general Courses in Geology, Botany, and Zoology, together with Special Courses in each subject, which are arranged yearly, and of which Special Courses each candidate must select one.

300 marks are allotted to each of the general Courses, and 100 to the selected Special Course.

General Courses.

Geology, . All the work of the Freshman and Sophister years, and, in addition, a Geological Section, in a locality approved by the Professor, must be submitted along with an Essay descriptive of the Section, and a collection of such minerals, rocks, and fossils as have been obtained in the field.

Zoology, . All the work of the Freshman and Sophister years.

Botany, . All the work of the Freshman and Sophister years. The work done in the Botanical Laboratory during the Junior and Senior Sophister years will be taken into account in the Moderatorship Examination.

Special Courses for 1922.

Geology, . The Palæontology of the Older Palæozoic Rock.

Zoology, . Hydromedusæ and Scyphomedusæ.

Botany, . The Movement of Water in Plants.

(B.)

The subjects of the Examination in (B) are divided into two groups:—

I.	II.
Chemistry.	Anatomy.
Physics.	Physiology.
Botany.	Pathology and Bacteriology.
Zoology.	

Candidates must present themselves in three subjects, which must not all belong to one group.

The Courses in the subjects of Group I. are arranged with a view to the requirements of Medical Science.

CHEMISTRY.

Inorganic.

Methods of preparation and properties of the following elements and of their chief compounds: H, the halogens, S, N, P, As, Sb, Bi, C, alkali metals, Ca, Mg, Zn, Hg, Cu, Pb, Fe. Laws of combustion—Atomic theory—Determination of atomic and molecular weights. Relationships between the elements; the periodic arrangement of the elements. Relations between chemical structure and physiological activity.

Physical.

Vapour density—Abnormal vapour densities—Dissociation—Boiling points, melting points, and specific gravities—Fractional distillation, and distillation under reduced pressure. Sublimation—Rotation of plane of polarised light: the polarimeter.

Absorption Spectra. Solutions—Dialysis and Osmosis—Boiling points and freezing points of dilute solutions; Experimental methods of determination. Modern theories of solution—Elements of Thermochemistry.

Organic.

Derivatives of paraffins and olefines—Alcohols, aldehydes, ketones, acids, esters; saponification, hydrolysis; amines, aminoacids, amides. Isomerism, polymerism, tautomerism, stereo-isomerism. Carbohydrates, fermentation, action of enzymes.

Benzene and its simpler homologues and their derivatives. Constitution of ring compounds, orientation. Naphthalene, anthracene, and their simpler derivatives. Pyridine, quinoline, alkaloids, leucomaïnes, and ptomaïnes. Medically important synthetical products. General methods of organic analysis, such as determination of C, H, N, S, P, and halogens.

Practical.

Simple qualitative analysis, inorganic and organic. Volumetric analysis. Organic preparations of a simple character. Use of spectroscope and polarimeter. Determination of molecular weights, boiling points, melting points, and specific gravity.

General Note.—A knowledge of those portions of the subject which bear most directly on Medical Science will be specially required, and the greatest importance will be attached to Organic Chemistry.

Books Recommended.

Inorganic Chemistry,	Newth's Inorganic Chemistry.
Physical Chemistry,	Reychler—M'Crae, Outlines of Physical Chemistry. (Whittaker.) Lehfeldt's Textbook of Physical Chemistry. (Arnold.)
Organic Chemistry,	Perkin and Kipping's Organic Chemistry with Appendix. H. Meyer's Determination of Radicals in Carbon Compounds. (Translated by Tingle; pub. by Chapman and Hall.)

EXPERIMENTAL PHYSICS.

General Properties of matter. Characteristics of solids, liquids, gases. Compressibility, and shearing strains and stresses. Torsion. Flexure. Work done by elastic forces. Pressure in flowing liquid. Spray distributors. Viscosity. Variation of atmospheric pressure with height. Diffusion. Molecular theory.

Measurement of length, area, volume, time, and mass. Laws of motion. Acceleration due to gravity. Pendulum. Friction. Boyle's law. Atmospheric pressure. Measurement of density. Surface tension. Osmotic pressure.

Heat.—Temperature. Thermometers. Expansion of substances. Force of expansion. Maximum density of water. Air thermometer. Absolute temperature. Weight of given volume of gas. Calorimetry. Specific heat. Heat of chemical action. Laws of fusion. Boiling points and melting points. Evaporation. Saturated vapours. Hygrometry. Vapour density. Conductivity and diffusivity. Radiation. Meteorology. Mechanical equivalent of heat.

Sound.—Simple and complex vibrations of a particle. Sounds and their differences. Wave motion. Velocity of propagation. Measurement of wave-length and frequency. Resonance. Strings. Pipes. Ear. Vibrations of body. Loops and nodes. Chronographs. Vowel sounds.

Light.—Reflection and refraction. Prisms. Lenses. Indices of refraction. Eye. Dispersion. Spectroscope. Achromatism. Construction and magnifying power of telescopes and microscopes. Photometry. Wave-theory. Velocity. Rectilinear propagation. Interference. Diffraction. Polarization. Photography. Phosphorescence. Fluorescence. X-Rays.

Magnetism and Electricity.—Magnets. Terrestrial magnetism. Magnetic effects of currents. Measurements of current, pressure, resistance. Development of heat in circuit. Ohm's law. Electromagnets. Electromagnetic induction. Electromagnetic machines. Ruhmkorff's coil.

Electrolysis. Cells. Polarization. Non-polarizable electrodes. Electrolytic dissociation. Ionic hypothesis. Conductivity of electrolytes. Solution pressure.

Capillary electrometer. Thermo-electricity. Electric radiation.

Electric charges. Electroscopes. Condensers. Electric discharges Oscillations. High-frequency currents.

BOTANY.

1. The principles of Morphology, Anatomy, Histology, and Physiology as illustrated by the following genera:—Comatricha, Saccharomyces, Sphaerella, Nostoc, Bacillus, Spirogyra, Vaucheria, Volvox, Pythium, Mucor, Claviceps, Puccinia, Agaricus, Fucus, Marchantia, Polypodium. Selaginella, Pinus, Lilium, Betula, Ranunculus.
2. The Cytology of somatic and reproductive cells.
3. The general Physiology of metabolism and response in Plants.

Course Recommended.

Laboratory Work, 120 hours.
Strasburger's Textbook of Botany.
Wilson: Cell in Development and Heredity.
Bayliss: Principles of General Physiology.

ZOOLOGY.

1. The cell: its structure, life, and multiplication.
2. General principles of nutrition, respiration, motion, and excretion, especially in the lower forms of animal life.
3. Zygosis. Ovum and sperm. Maturation, fertilization, segmentation.
4. Elementary embryology.
5. Study of the following types:—Amœba, Paramœcium, Monocystis, Hydra, Lumbricus, Hirudo, Astacus, Blatta or Periplaneta, Mya or Anodonta, Helix, Amphioxus, Scyllium, Rana, Columba, Lepus.
6. General Morphology of the phyla and classes to which these types belong, with the addition of the phyla Platyhelminthes and Nematelminthes.

Additional time required, about 50 hours.

For information as to text-books, application to be made to the Professor of Zoology.

ANATOMY.

The anatomy of Man.

The embryonic history of Man.

The ancestral history of Man, as far as it may be inferred from a study of his anatomy and embryonic development.

Comparison of the anatomy of Man—as the most specialised Mammal—with that of the lower Mammalia, and more primitive Vertebrates.

Anatomical methods of investigation.

Text-books: as recommended by the Professor of Anatomy.

PHYSIOLOGY.

Chemistry of animal tissues and organs; of proteids and their cleavage products; of carbohydrates; of fats.

General Physiology of protoplasm; of muscle and nerve; of electrical organs.

Blood: its composition and properties; the apparatus and mechanism of its circulation.

Lymph-formation: Diffusion and Osmosis in the animal body.

Respiration: The mechanism and chemistry of respiratory interchange. Ventilation.

Secretion and secretory glands. Enzymes.

Digestion: Chemistry of digestive processes. Muscular movements of the alimentary canal. Absorption. Dietaries.

Metabolism: Internal secretions. Ductless Glands. Source and Liberation of Energy in the animal body. Animal temperature.

Excretion: Functions of the Kidney and Skin. Chemistry of Urine.
Nervous System: Structure and Functions of the Brain and Spinal Cord. The Physiology of the Visceral or Autonomic System of Nerves.
Organs and Physiology of the Special Senses: Cutaneous and Muscular Sensations. Voice and Speech.
Text-books: to be recommended by the Professor of Physiology.

PATHOLOGY AND BACTERIOLOGY.

Subjects.

(1) *General Pathology:*—

Anomalies of growth and development. Disturbances of circulation and nutrition. Pathology of the blood. Inflammation. Infection and Immunity. Tumours.

(2) *Morbid Anatomy* of the tissues, naked eye and microscopic.

(3) *Pathological Chemistry:*—

Qualitative and quantitative analysis of morbid products.
Microscopic methods used in Pathology, including microchemical methods.

(4) *Bacteriology:*—

Methods of cultivating, isolating, and examining micro-organisms. Study of the characteristics of the various forms of Bacteria. Methods of quantitative Bacteriological analysis. Applications of Bacteriology to Clinical Medicine. Infection and Immunity.

A special subject will be selected each year from the above Course, to which the candidates of that year will be expected to devote special attention.

In addition to the Winter and Summer Courses, given by the Lecturer in Pathology, two Practical Courses will be given in the Pathological Laboratory, viz.:—

(1) A Course of two months in Practical Bacteriology.
(2) A Course of three months in Pathological Chemistry and Microscopy.

The first Course may be taken in any year of the Medical curriculum.
The second cannot be taken before the session in which the Winter Course in Pathology is being attended.

The Courses will be given on three days in each week, for two hours each day, during the Winter Session. The total number of hours will be about 120.

Students will be allowed to work in the Laboratory at certain times outside the regular class hours.

Books recommended.

Cohnheim's Lectures in Pathology.
Ziegler, Pathological Anatomy.
Ainley Walker, Infection and Immunity.
Mallory and Wright's Practical Pathology.
Salskowski, Practical Pathological Chemistry.
Muir and Ritchie, Bacteriology.

Notice of Candidature, with subjects chosen, must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN HISTORY AND POLITICAL SCIENCE.

[Candidates will take notice that there may be passages set in Latin, French, and German for translation and comment.]

I.—General History. (2 Papers.) 250 marks.

General Outline of Ancient Greek and Roman History, to A.D. 285.

and General Outline of Mediæval and Modern European History, from A.D. 285–1848.

Books suggested as suitable for reading—Bury's History of Greece; How and Leigh's History of Rome to the death of Cæsar; Bury's Students' Roman Empire; Robinson's History of Western Europe.

II.—Special Periods of Ancient or Modern History (2 Papers.) 350 marks.

A. Ancient History.

1. Special period of Greek history with original authorities:—

The Pentekontaeteia (479–431 B.C.).

[Candidates are recommended to use Holm's History of Greece, and Hill's Sources for Greek History.]

2. Special period of Roman history with original authorities:—

The Gracchi, Marius, and Sulla (133–78 B.C.).

[Candidates are recommended to use the Histories of Rome by Mommsen and Greenidge, and Greenidge and Clay's Sources for Roman History.]

or **B.** Modern History, special period:—

The French Revolution: its history, causes, and antecedents.

The following books are specially prescribed:

Morse Stephens, . *Orators of the French Revolution* (omitting in vol. II Barère iv–xi incl. and Baudin).

Arthur Young, . *Travels in France* (ed. Betham Edwards).

The following books are recommended, but not as compulsory subjects of study:

Morse Stephens, . *The French Revolution.*

Aulard. . *The French Revolution* (ed. Miall).

Lavisse, . *Histoire de France*, vol. IX.

Morse Stephens, . *Revolutionary Europe.*

The Cambridge Modern History, vol. VIII.

Taine, . *L'Ancien Régime.*

De Tocqueville, . *L'Ancien Régime et la Révolution Française.*

Burke, . *Reflections on the French Revolution.*

Acton, . *Lectures on the French Revolution.*

Mahan, . *Influence of Sea power upon the French Revolution*, vol. I.

Morley, . *Rousseau.*

Morley, . *Voltaire.*

Sorel, . *L'Europe et la Révolution française*, tome i, livre i.

III.—Constitutional History. (1 Paper.) 100 marks.

A. Warde-Fowler's City State of the Greeks and Romans.
Text of the Treatise Ἀθηναίων πολιτεία.
Gilbert (G.), The Constitutional Antiquities of Sparta and Athens.
Greenidge (A. H. J.), Roman Public Life.

or **B.** English Constitutional History, to 1832.

[Candidates are referred to the books recommended for the Honor Examinations in English Constitutional History, in the Junior Sophister year.]

A knowledge of the text of the following documents will be required:

The Charter of Liberties of Henry I.
The Constitutions of Clarendon.
Magna Carta.
Confirmatio Cartarum.
The Petition of Right.
The Instrument of Government.
The Bill of Rights.
The Act of Settlement.
The Act of Union between England and Scotland.
The Act of Union between Great Britain and Ireland.
The Reform Act of 1832.

IV.—Political Science. (1 Paper.) 100 marks.

A. Aristotle's Politics.
Freeman's Comparative Politics.

or **B.** Bluntschli's Theory of the State.
Egerton's Federations and Unions in the British Empire.
Sidgwick's Development of European Polity.
A. L. Lowell's Governments and Parties in Continental Europe.

V.—Economic History. (1 Paper.) 100 marks.

The Examination in this subject will include:—
The outlines of Ancient Economic history.
or English Economic history.

The following books are recommended:—

A. Cunningham (W.), Western Civilization in its Economic Aspects. Part I. (Ancient Times).
Francotte (H.), L'Industrie dans la Grèce ancienne. Book I., chaps. 1, 2, 4, 6, 7; Book II., chaps. 2, 7; Book III., chap. 4; Book IV., chaps. 4, 5.
Mommsen's Roman History (the portions in the following chapters which deal with Economics:—Book I., chap. 13; Book II., chap. 8; Book III., chap. 12; Book IV., chap. 11; Book V., chap. 11).
Levasseur (E.), Histoire des classes ouvrières, Book I.

or **B.** Meredith, . *Economic History of England.*
Unwin, . *Industrial Organization.*
Seebohm, . *English Village Community.*
Webb, . *History of Trade Unionism.*
Johnson, . *The Disappearance of the Small Landowner.*
Ashley, . *English Economic History.*
Rand, . *Selections illustrating Economic History,* Chaps. 2, 5, 6, 9, 10, 18, 22.

VI.—Ancient and Modern History.

A. *For Candidates in Ancient History* :—

Greek and Latin Epigraphy (1 paper), 100 marks.

(Candidates to consult the Professor of Ancient History for particulars.)

B. *For Candidates in Modern History* :—

English and Irish History, 449–1837 A.D. (1 paper), 100 marks.

(Candidates are referred to the books recommended for the Honor Examinations in English and Irish History in the Freshman Years.)

Candidates for Moderatorship who are members of the Army Class may substitute Military History and Geography for V. Economic History, and VI, Ancient and Modern History.

Military History and Strategy. (100 marks.)

The General Principles of Strategy in Civilized Warfare.

Candidates will be required to have such a knowledge of all campaigns, since 1750, in which Great Britain has been engaged, and of other campaigns during the same period, as will enable them to deduce from these the strategic lessons they teach, or to illustrate the application of strategic principles to the conduct of war.

Also to know so much of the political causes that led to these campaigns as may have directly affected the strategic operations.

The general scope of this paper is indicated by the following works :—

Hamley's "Operations of War."
James' "Modern Strategy."
Any recognized work dealing with campaigns subsequent to the Russo-Japanese War of 1904–5.
Any recognized work dealing with British campaigns.

Military Geography. (100 marks.)

Candidates will be required to have such a knowledge of the influence on strategy of geography as is indicated in the following works :—

May's "Introduction to Military Geography."
Maguire's "Military Geography."

Notice of Candidature, with Courses chosen, must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN MODERN LITERATURE.

The subjects of Examination are:—

I. English Language and Literature.
II. French Language and Literature.
III. German Language and Literature.
IV. Italian Language and Literature.
V. Spanish Language and Literature.

The languages in which the candidates have competed will be noted on the returns sent in by the Examiners, and on the medals awarded. The candidates taking two foreign languages will be required to show their competence in English Composition. For that purpose subjects for English Essay will be proposed to them.

All candidates must present themselves in any two, and two only, of the Sections, English Language and Literature, French Language and Literature, German Language and Literature. Italian Language and Literature, Spanish Language and Literature. They must inform the Senior Lecturer before the end of Trinity Term in what two sections they intend to compete.

The proficiency of candidates will be tested by papers and oral Examination, as well as by Composition in the languages which they have chosen.

The Courses in the several Departments are as follows:—

I.—*English Language and Literature.*

The History of English Literature: based upon the study of such works as Courthope's History of English Poetry (6 vols., Macmillan), and the more important authors in the five vols. of Craik's English Prose Selections.

Literary Criticism: as represented by—
Aristotle's Poetics: English translation.
Sidney: Apology of Poetry.
Dryden: Essay of Dramatic Poesy; Preface to the Fables.
Addison: Critical Essays from the Spectator.
Johnson: Lives of Milton, Dryden, Pope.
Coleridge: Lectures on Shakespeare.
Dowden's Mind and Art of Shakespeare.
Macaulay: Essay on Moore's Life of Byron.
M. Arnold: Critical Essays.

Chaucer: as in Undergraduate Course.
Langland: Piers Plowman.
Shakespeare: as in Undergraduate Course.
Marlowe: Tamburlaine: Edward II.
Lamb's Specimens of English Dramatic Poets (not including the Garrick Plays).
Milton: as in Undergraduate Course.
Palgrave's Golden Treasury.

II.—*French Language and Literature.*

The subjects for examination are divided into Four Groups. Of these, the first two are compulsory. Each candidate must, in addition, take either the third or the fourth group at his option.

NOTE.—Candidates are expected to make themselves acquainted with the outlines of the History of France in so far as it bears on the work prescribed.

The Four Groups are as follows :—

GROUP I (Compulsory).

1. Translation from English into French.
2. Translation into English of Unprepared Passages of French.
3. An Essay in French on one of several literary subjects proposed.
4. (*a*) Grammar of Modern French, including Phonetics.
   (*b*) Outlines of the Historical Development of the French Language.
   (*c*) Outlines of the Historical Development of French Versification.

NOTE.—Separate papers on Section (4), sub-sections (*a*), (*b*), and (*c*), will be set for Candidates taking Group IV.

GROUP II (Compulsory).

Selected Authors and Texts of the Sixteenth, Seventeenth, and Eighteenth Centuries (as below).

GROUP III (Optional).

Selected Texts of the Nineteenth Century (as below).

GROUP IV (Optional).

(*a*) A more detailed knowledge of the History of the French Language up to the end of the Fifteenth Century.

(*b*) A detailed knowledge of the dialects of Old French up to the end of the Thirteenth Century.

(*c*) Selected Medieval Texts (as below).

PRESCRIBED BOOKS.

GROUP II.

Candidates must show a first-hand acquaintance with the principal works of—Ronsard, Racine, Molière, and Corneille.

They will also be examined in :—

Voltaire: Choix de Lettres (Brunel—Hachette).
Voltaire: Extraits en Prose (Brunel—Hachette).
Diderot: Extraits (Texte—Hachette).
Selections from the French Lyric Poets of the Seventeenth Century (Manchester University Press).

GROUP III.

Brunetière: L'Évolution de la Poésie lyrique en France.
Balzac: Le Curé de Tours, Le Cabinet des Antiques, Eugénie Grandet.
Gautier: Émaux et Camées.
Leconte de Lisle: Poèmes antiques, Poèmes barbares, Poèmes tragiques.
Verlaine: Fêtes galantes, Sagesse.
Barrès: Colette Baudoche, Le Voyage de Sparte, La Colline inspirée.
Péladan: Les Amants de Pise.
H. de Régnier: Histoires incertaines, La Cité des Eaux, Le Miroir des Heures.
Signoret: Poésies.
Montesquiou: Les Perles rouges.
Huysmans: La Cathédrale, L'Oblat.
L. le Cardonnel: Poèmes, Carmina Sacra.

NOTE—Candidates are expected to make themselves acquainted with the history of the various movements in French literature from the close of the Romantic period till 1914.

GROUP V.

(*a*) (*b*) Brunot: Histoire de la Langue Française (Colin), vol. i.

(*c*) La Vie de Saint Alexis (in Champion's Classiques Français du Moyen-Age).
Le Pélerinage de Charlemagne (Karls des Grossen Reise nach Jerusalem, ed. Koschwitz, pub. Reisland, Leipzig).
La Chanson de Roland (in Mudie's Bibl. Romanica).
Gormund et Isembard (in Champion's Classiques Français du Moyen-Age).
La Chastelaine de Vergi (same series).
Adam le Bossu: Le Jeu de la Feuillée (same series).
Aucassin et Nicolette (ed. Suchier-Counson, published Schöningh, Paderborn).
Villon: Lais et Testament (in Champion's Classiques Français du Moyen-Age).
Courtois d'Arras (in Champion's Classiques Français du Moyen-Age).

The distribution of Papers and allotment of Marks will be as follows:—

GROUP I.	(1) One hour and a half,	75 marks.	
	(2) One hour and a half,	50 marks.	
	(3) One hour, . .	50 marks.	
	(4) Two hours, . .	75 marks.	
GROUP II.	Three hours, . .	100 marks.	
GROUP III.	Three hours, . .	100 marks }	alternatively.
GROUP IV.	Three hours, . .	100 marks }	
VIVA VOCE,	. . . . .	50 marks.	
	Total,	500 marks.	

III.—*German Language and Literature.*

The subjects for examination are divided into Four Groups. Of these, the first two are compulsory. Each candidate must in addition take either the third or the fourth group at his option.

NOTE.—Students are expected to make themselves acquainted with the outlines of the History of Germany in so far as it bears on the literary period studied in each term.

GROUP I (Compulsory).

1. Translation from English into German.
2. Translation into English of Unprepared Passages of German.
3. An Essay in German on one of several literary subjects proposed.
4. (*a*) Grammar of Modern German, including Phonetics.
   (*b*) Outlines of the Historical Development of the German Language.
   (*c*) Outlines of the Historical Development of German Versification.

NOTE.—Separate papers on Section 4 (*a*), (*b*), and (*c*) will be set for candidates taking Group IV.

GROUP II (Compulsory).

Selected texts (as below).

GROUP III (Optional).

1. A more detailed knowledge of the History of German Literature in the Eighteenth and Nineteenth Centuries.
2. Texts selected from the above period (as below).

GROUP IV (Optional).

1. Philology of the German Language.
2. Grammar of Old English.
3. Selected Medieval Texts (as below).

PRESCRIBED BOOKS.

GROUP I., .	Kauffmann: Deutsche Metrik.
	Weise: Unsere Muttersprache.
GROUP II., .	Walther von der Vogelweide: Gedichte.
	Der Nibelunge Nôt.
	Hartmann von Aue and Wolfram von Eschenbach (as contained in Wright's Middle High German Primer).
	Freytag: Bilder aus der deutschen Vergangenheit. Vol. i.
GROUP III., .	Lessing: Minna von Barnhelm, Emilia Galotti; die Hamburgische Dramaturgie.
	Goethe: Lieder, Balladen, Vermischte Gedichte; Götz von Berlichingen, Iphigenie auf Tauris, Faust.
	Schiller: Balladen, philosophische Gedichte; Wallenstein, Die Braut von Messina, Wilhelm Tell.
	Kleist: Der Zerbrochene Krug, Prince Friedrich von Homburg.
	Grillparzer: Die Ahnfrau, König Ottokars Glück und Ende, Der Traum, ein Leben.
	Hebbel: Agnes Bernauer, Die Nibelungen.
GROUP IV., .	Wright: Historical German Grammar.
	Wright: Gothic Grammar.
	Braune: Abriss der althochdeutschen Grammatik.
	Sievers: Abriss der angelsächsischen Grammatik.
	Sweet: Anglo-Saxon Reader (Prose Extracts).
	Braune: Althochdeutsches Lesebuch.
	Wyld: Historical Study of the Mother Tongue.

The Distribution of Papers and allotment of Marks will be as follows:—

GROUP I.	(1) One hour and a half,	75 marks.	
	(2) One hour and a half,	50 marks.	
	(3) One hour, . .	50 marks.	
	(4) Two hours, . .	75 marks.	
GROUP II.	Three hours, . .	100 marks.	
GROUP III.	Three hours, . .	100 marks	alternatively.
GROUP IV.	Three hours, . .	100 marks	
VIVA VOCE,	. . . . .	50 marks.	
	Total,	500 marks.	

IV.—*Italian Language and Literature.*

The subjects for examination are divided into Four Groups. Of these the first two are compulsory. Each candidate must, in addition, take either the third or the fourth group at his option.

NOTE.—Candidates are expected to make themselves acquainted with the outlines of the History of Italy in so far as it bears on the work prescribed.

GROUP I. (Compulsory).

1. Translation from English into Italian.
2. Translation into English of Unprepared Passages of Italian.
3. An Essay in Italian on one of several literary subjects proposed.
4. (*a*) Grammar of Modern Italian, including Phonetics.
   (*b*) Outlines of the Historical development of the Italian Language.
   (*c*) Outlines of the Historical development of Italian Versification.

NOTE.—Separate papers on Section (4), sub-sections (*a*), (*b*), and (*c*), will be set for candidates taking Group IV.

GROUP II. (Compulsory).

Selected Texts of Classical Italian Literature (as below).

GROUP III. (Optional).

Selected Texts of the nineteenth century (as below).

GROUP IV.

The History of the Italian Language.

(For further information apply to the Professor.)

NOTE.—Candidates proposing to offer Group IV must give notice to the Senior Lecturer and to the Professor on or before June 15th in the year *preceding* that in which they propose to present themselves.

PRESCRIBED BOOKS.

GROUP I. (3).—Candidates should read *either*

De Sanctis: Storia della Letteratura italiana (Bari-Laterza);

or

Hauvette: Littérature italienne (Paris—Armand Colin).

GROUP II., . Dante: Divina Commedia.
Petrarca: Rime.
Sannazaro: L'Arcadia.
Poliziano: L'Orfeo (ed. Donati, pub. Albrighi, Secati and C., Rome).
Tasso: L'Aminta.
Guarini: Il Pastor Fido.
Marino: Poesie Varie (ed. Croce, pub. Laterza, Bari).
Lirici Marinisti (ed. Croce, pub. Laterza, Bari): Stigliani, Achillini, Preti, Materdona.
Metastasio: Drammi scelti, etc. (ed. Scuppa, pub. Albrighi, Secati and C., Rome).
Ariosto: Orlando furioso, Episodi scelti (ed. Turri, pub. Sansoni, Florence).
Berni: Orlando inamorato, Testo scelto (ed. Albini, pub. Sansoni, Florence).
Boccaccio: Novelle scelte (ed. Fornaciari, pub. Sansoni, Florence).

GROUP III., . Manzoni: Poesie liriche.
Leopardi: Prose morali.
Fogazzaro: Piccolo mondo antico.
Giacosa: Il Conte rosso.
Carducci: Antologia Carducciana (Bologna—Zanichelli).
D'Annunzio: Prose scelte (Milan—Treves).
Nencioni: Saggi critici sulla letteratura italiana.
Gozzano: L'Altare del Passato (Milan—Treves).
,, : I Colloqui (Milan—Treves).
Morselli: Orione. Glauco (Milan—Treves).
Vismara: Lirica italiana del Rinascimento (Florence—Libreria Editrice Fiorentina).
Torraca: Scritti critici (Naples—Perrella) [Jacopo Sannazaro].
Carducci: Saggi sul Tasso e su Ludovico Ariosto.

GROUP IV., . Apply to the Professor.

The Distribution of Papers and allotment of Marks will be as follows:—

GROUP I.	(1) One hour and a half,	75 marks.	
	(2) One hour and a half,	50 marks.	
	(3) One hour, . .	50 marks.	
	(4) Two hours, . .	75 marks.	
GROUP II.	Three hours, . .	100 marks.	
GROUP III.	Three hours, . .	100 marks	alternatively.
GROUP IV.	Three hours, . .	100 marks	
VIVA VOCE,	. . . . .	50 marks.	
	Total,	500 marks.	

V.—*Spanish Language and Literature.*

The subjects for examination are divided into four Groups. Of these, the first two are compulsory. Each candidate must, in addition, take either the third or the fourth group at his option.

NOTE.—Candidates are expected to make themselves acquainted with the outlines of the History of Spain in so far as it bears on the work prescribed.

GROUP I (Compulsory).

1. Translation from English into Spanish.
2. Translation into English of Unprepared Passages of Spanish.
3. An Essay in Spanish on one of the several literary subjects proposed.
4. (*a*) Grammar of Modern Spanish, including Phonetics.
   (*b*) Outlines of the historical development of the Spanish language.
   (*c*) Outlines of the historical development of Spanish versification.

NOTE.—Separate papers on Section (4), sub-sections (*a*), (*b*), and (*c*) will be set for Candidates taking Group IV.

GROUP II (Compulsory).

Selected Texts of Classical Spanish Literature (as below).

GROUP III (Optional).

Selected Texts of the Nineteenth Century (as below).

GROUP IV.

The History of the Spanish Language.

(For further information apply to the Professor.)

NOTE.—Candidates proposing to offer Group IV must give notice to the Senior Lecturer and to the Professor on or before June 15th in the year preceding that in which they propose to present themselves.

PRESCRIBED BOOKS.

GROUP I (3). Students should read—

Fitzmaurice-Kelly: Littérature espagnole (Armand Colin) (there is also a Spanish edition);

and besides the books on Don Quixote set for Honors, either Fitzmaurice-Kelly: Miguel de Cervantes-Saavedra (Oxford), (Spanish or English edition), *or* Savj-Lopez: Cervantes (Naples—Ricciardi).

(4) (*a*) For Phonetics—T. Navarro Tomás: Pronunciación española (Revista de Filología española.

(*b*) Gorra: Lingua e Letterature spagnuola delle Origini (Milan—Hoepli).

GROUP II. Cervantes: Don Quijote, Novelas Ejemplares, La Galatea.

Calderón: El Alcalde de Zalamea, La Vida es Sueño, El Mágico prodigioso (with Menéndez y Pelayo: Calderón).

Lope de Vega: La Moza de Cántaro. La Dorotea.

Montemayor: La Diana, Part I.

Garcilaso de la Vega: Obras.

Góngora: Mejores Poesías (Saenz de Jubera).

Spanish Ballads (Oxford).

GROUP III. . Valle-Inclán: La Marquesa Rosalinda (Perlado-Paez).
A. Machado: Poesías (Residencia de Estudiantes).
Jimenez: Pastorales (Renacimiento).
Rubén Darío: Obras Escogidas (2 vols. Viuda de Pueyo).
Pereda: Escenas montañesas.
Pio Baroja: Cuentos.

GROUP IV. . Apply to the Professor.

NOTE.—Candidates proposing to offer Group IV must give notice to the Senior Lecturer and to the Professor on or before June 15th in the year *preceding* that in which they propose to present themselves.

The distribution of Papers and allotment of marks will be as follows:—

GROUP I.	(1) One hour and a half,	75 marks.	
	(2) One hour and a half,	75 marks.	
	(3) One hour, . .	50 marks.	
	(4) Two hours, . .	75 marks.	
GROUP II.	Three hours, . .	100 marks.	
GROUP III.	Three hours, . .	100 marks.	alternatively.
GROUP IV.	Three hours, . .	100 marks.	alternatively.
VIVA VOCE,	, , . . .	50 marks.	
		500 marks.	

Notice of Candidature, with groups chosen, must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN LEGAL AND POLITICAL SCIENCE.

The subjects of examination and the marks to be assigned to the several subjects are as follows:—

I. Roman Law: one paper (120 marks).

Candidates will be examined in the Course of Roman Law prescribed for Honors in the Junior Sophister year, together with a special portion of the Digest. In 1919, and until further notice, the portion will be—Book ix, Title 2 (Ad Legem Aquiliam).

II. Jurisprudence and International Law: one paper (100 marks).

(*a*) Jurisprudence.

Analytical and Historical Jurisprudence, as appointed in the Sophister Honor Courses.

(*b*) International Law.

The Course of International Law appointed for the Honor Examinations of the Junior Sophister year, to be studied in greater detail in one of the larger text-books (e.g. 'Hall's International Law'), together with a special topic of International Law. In 1914, and until further notice, this topic will be 'The Law of Contraband and Blockade.'

(*e*) Private International Law.
The general principles of the subject.
[Westlake, 'Private International Law.']

III. Constitutional History and Law, and Legal History: one paper (120 marks).
The Junior Sophister Honor Course studied in greater detail, together with the leading features of English legal institutions.
[Maitland, The Constitutional History of England.
Anson, Law and Custom of the Constitution.
Jenks, History of English Law.]

IV. Law of Property: one paper (120 marks).
The leading features of the Law of Property as treated in the Sophister Honor Courses.

V. Equity: one paper (100 marks).
The Principles of Equity, as treated in the Senior Sophister Honor Courses.

VI. The Law of Obligations: one paper (120 marks).
The Law of Contract and Torts, as appointed for the Sophister Honor Courses.

VII. Criminal Law and the Law of Evidence: one paper (100 marks).
The Law of Evidence, as appointed for the Junior Sophister Honor Course, together with the general principles of Criminal Law.
[Stephen, Digest of Criminal Law.
Kenny, Cases on Criminal Law, Parts I. and II.]

VIII. Political Science: one paper (100 marks).
In addition to the general course prescribed for Honors in the Sophister years, Candidates will be required to show acquaintance with the general principles of Politics; the structure, functions, and development of the State; and the history of political theories, together with a prescribed text. In 1919, and until further notice, the prescribed text will be "The Federalist," Letters I–XXXVIII, inclusive.

IX. Economics: one paper (120 marks).
In addition to the general course prescribed for Honors in the Junior Sophister year, the subjects of Currency, Banking, Foreign Trade, and Socialism are appointed for special study:—
Taussig, Principles of Economics.
E. C. K. Ensor, Modern Socialism.
Dunbar, Theory and History of Banking;
Clare, Money-Market Primer;

Notice of Candidature must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN ENGINEERING SCIENCE.

Candidates whose names are on the Register of the Engineering School may, at the close of their Senior Sophister year, compete for Moderatorships in Engineering Science.

The Course for these consists of the general Courses arranged for the Experimental Science Moderatorship, and one of the following three Courses (in place of the Special Course in either Physics or Chemistry, as required for the Experimental Science Moderatorship):—

I. Civil Engineering and Materials used in Construction, as lectured on by the Professors of Civil Engineering and Geology.

II. Electrical and Mechanical Engineering, as lectured on by the Erasmus Smith Professor of Experimental Science, the Lecturer in the Practice of Electrical Engineering, and the Lecturer in Mechanical Engineering.

III. Geology, Petrology, Mining, and Mineralogy, as lectured on by the Professor of Geology.

This Special Course includes Practical work in the Laboratories of Mechanical Engineering, Electrical Engineering, or Geology, according to the Course selected.

Notice of Candidature, with Courses chosen, must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIPS IN CELTIC LANGUAGES.

(*a*) Irish Texts—

The Würzburg Glosses.
Táin Bó Cúalnge (ed. Strachan and O'Keeffe, supplement to Ériu).
Fled Bricrend.
Tri Bhir-Ghaoithe an Bháis.
Imram Brain.

(*b*) Comparative Grammar of the Celtic Languages.

(*c*) Composition in Irish.

(*d*) Irish Metric.

(*e*) Elements of Palæography.

(*f*) Joyce: Social History of Ancient Ireland.

Rhŷs: Celtic Britain.

J. Mac Neill: Phases of Irish History.

(*g*) Welsh Texts—

Strachan, Introduction to Early Welsh, the Reader (omitting vii, viii, and ix);
Breuddwyt Maxen;
Branwen veirch Lyr.

The marks are assigned in the following scale:—

1. Old and Middle Irish Texts, ...	350
2. Comparative Grammar, ...	150
3. Welsh Texts, ...	150
4. Joyce's and Rhŷs' books, as above, ...	150
5. Modern Irish (texts, composition, and *viva voce*), ..	200

Notice of Candidature must be given to the Senior Lecturer on or before June 15th.

MODERATORSHIP IN ORIENTAL LANGUAGES.

A candidate for Moderatorship in Oriental Languages is allowed to select any one of five courses. These courses consist each of (**A**) a principal, and (**B**) a subsidiary language. These are—

A.—Principal.		**B.**—Subsidiary.
1. Arabic	*and*	Hebrew *or* Persian.
2. Hebrew	*and*	Arabic *or* Aramaic *or* Syriac *or* Assyrian.
3. Persian	*and*	Arabic.
4. Sanskrit	*and*	Pali.
5. Pali	*and*	Sanskrit.

Candidates will be examined by papers and orally. The tests will consist of translation from, and questions on, prescribed texts, translation of passages from unprescribed texts, composition in the selected languages, questions on the history and literature of the different nations to whom those languages belong, questions on grammar and philology.

For the different courses the following prescribed texts and special works on history, literature, philology, and grammar are proposed:—

I

A.—Arabic.

Ibn Khaldūn: *Prolegomena*, Books iv and v (Beyrut ed., 1900).

Mas'ūdi: *Murūj udh dhahab*, chaps. 7, 31, 67, 68 (ed. Meynard).

Harīrī: *Muḳamat*, Nos. 6, 11, 18, 49, 50 (ed. Reinaud and Derenbourg).

Saba' Mu'allakāt; Odes of Imruḷkais and Labīd (ed. Lyall).

Abū Tammām: *Ḥamāsa* (ed. Freytag), Bk. I, pp. 19-61; Bk. II, pp. 365-411.

Muir: *Annals of the Early Khalifat.*
Muir: *Life of Muhammad.*
Nicholson: *Literary History of the Arabs.*
Wright: *Arabic Grammar.*
Wright: *Comparative Grammar of the Semitic Languages.*

B.—Hebrew.

Exodus, i–xxiv.
Psalms, xc–cvi.

Wade: *Old Testament History.*
Gray: *Critical Introduction to the Old Testament.*
Driver: *Introduction to Notes on the Hebrew text of the Books of Samuel*, pp. i–lv.

B.—Persian.

Sa'dī: *Gulistān*, Book I, pp. 13–45 (ed. Platts).
Pizzi: *Antologia Firdusiana*, chaps. 1–8, pp. 58–125.
Adventures of Hāji Bāba, Persian Translation, pp. 215–257 (Baptist Mission Press, Calcutta, 1905).

Benjamin: *Persia and the Persians.*
Claude Hill: *Persian Literature.*
Platts and Ranking: *Persian Grammar.*

II.

A.—Hebrew.

1 and 2 *Samuel.*
Psalms lxxiii–lxxxix.
Isaiah, i–xxxiii.
Proverbs, i–9.
Pirqe Abhoth (ed. Taylor).
Kimchi on *Psalms* lxxiii–lxxxiii.
Cooke: *North-Semitic Inscriptions*, pp. 1–157.

Foakes-Jackson: *Biblical History of the Hebrews.*
Cheyne: *Jewish Religious Life after the Exile.*
Kautzsch: Article on the *Religion of Israel* in Hastings' *Dict. of the Bible* (Extra Volume).
Robertson Smith: *Religion of the Semites.*
Wright: *Comparative Grammar of the Semitic Languages.*
Driver: *Introduction to the Literature of the Old Testament.*

B.—Aramaic.

The Aramaic portions of the Old Testament.
Elephantine Papyri (ed. Ungnad), Nos. 1–10, 27–31.
Onkelos on *Genesis* xii–xxviii.

Walker: Article on the *Targums* in Hastings' *Dict. of the Bible.*

B.—Syriac.

Eusebius, *Eccl. Hist.* ii (ed. Wright and McLean).
Remnants of the Later Syriac Versions (J. Gwynn), Introduction and Part I.

Duval: *La Littérature Syriaque.*
Nestle: Article on the *Syriac Versions* in Hastings' *Dict. of the Bible.*

B.—Assyrian.

Annals of the Kings of Assyria (Budge and King), vol. i.
Epic of Gilgamesh, tablet xi (Abel–Winckler, Berlin, 1890).
King: *First Steps in Assyrian.*

Jastrow: *Aspects of Religious Belief and Practice in Babylonia and Assyria.*
Hommel: Articles on *Assyria* and *Babylonia* in Hastings' *Dict. of the Bible.*

III.

A.—Persian.

Firdausi: *Shāhnāmah*, pp. 1364–1420 (ed. Macan, vol. iii).
Hāfiz: *Dīwān*, Odes ا to ى inclusive (ed. Rosenzweig).
Jalāluddīn Rūmī: *Masnavi*, Book i to end of Second Tale (Bombay ed.).
Dawlat Shāh: *Ṭabaḳāt-i-shu'arā* Tabaḳas 1 and 2 (ed. Browne).
Nidhām-ul-mulk: *Siyāssat-nāmah*, pp. 54–205 (ed. Schefer).

Sykes: *History of Persia*, 2 vols. (Second ed.).
Browne: *Literary History of Persia*, 3 vols.
Darmsteter: *Études Iraniennes*, vols. i and ii.
Phillott: *Higher Persian Grammar.*

B.—Arabic.

Qur'ān, Suras 3 and 4.
Majāni al-adab, vol. ii, pp. 79–90, 171–247 (Beyrut, 1901).
Ibn ul Ṭiḳṭaka: *Al-Fakhri*, pp. 65–85 (ed. Derenbourg).

Margoliouth: *Muhammed and the Rise of Islam.*
Huart: *Arabic Literature.*
Amir Ali: *History of the Saracens.*
Palmer: *Arabic Grammar.*

IV.

A.—Sanskrit.

Lanman: *Sanskrit Reader.*
Macdonnell: *Selected Hymns of the Rig-veda.*
Manu, Books vi and vii.
Kālidāsa: *Meghadūta* with Mallinātha's Commentary.
Dandin: *Daśakumāracarita*, ucchvāsa i, ii.

Macdonnell: *History of Sanskrit Literature.*
Macdonnell: *Vedic Mythology.*
Hopkins: *Religions of India.*
Smith: *Early History of India.*
Macdonnell: *Vedic Grammar.*

Candidates will be expected to have a general knowledge of the Comparative Grammar of I-E languages, with special reference to Sanskrit.

B.—PALI.

Duroiselle: *Practical Grammar of the Pali Language* (Rangoon, 1906).
Dines Andersen: *A Pali Reader with Glossary and Notes* (two parts).
The Dhammapada (Pali Text Society's ed.).

Rhys Davids: *American Lectures on Buddhism.*

V.

A.—PALI.

Vimaya Pitakam: *Kammavāca.*
Sutta Piṭakam: *Dipavamsa.*
Dhammakitti.
Milindapañho.
Mahavamso, chaps. v–ix.

Rhys Davids: *Buddhist India.*
Rhys Davids: *American Lectures on Buddhism.*
F. Mason: *Kaccayan.*

B.—SANSKRIT.

Macdonnell: *Sanskrit Grammar.*
Story of Nala, as in Lanman's Sanskrit Reader.
Selections from the *Hitopadeça*, the *Kathāsaritsāgara* and the *Laws of Manu* as in Lanman's Sanskrit Reader.

Macdonnell: *History of Sanskrit Literature.*

Notice of Candidature must be given to the Senior Lecturer on or before June 15th.

Lectures.

THE Lecturing Staff in the University of Dublin consists of the Junior Fellows and Professors.

Lectures are delivered in all the Courses by which Terms may be kept in Arts, or in which Honors can be obtained at the Term Examinations, in the subjects which are studied in the Professional Schools, and in various other departments of knowledge.

LECTURES IN ARTS WHICH COUNT TOWARDS THE KEEPING OF TERMS.

ORDINARY AND HONOR LECTURES.

Mathematics, Mathematical Physics, Classics, Mental and Moral Philosophy, and Experimental Physics.—Lectures in the above subjects are delivered by the Tutor Fellows to the Students in Arts, at hours announced in each Term.

Special Lecturers are selected to lecture Candidates for Honors in Mathematics, Mathematical Physics, Classics, and Mental and Moral Philosophy.

Legal and Political Science.– Special Lecturers are selected to lecture Candidates for Honors in this subject.

Chemistry.—The following Courses of Lectures are delivered:—*First year*: (1) a Course on General Elementary Chemistry, three days a week, during Michaelmas and Hilary Terms; (2) a Course of Honor Lectures, once a week, supplementing the above. *Second year*: a Course of Honor Lectures on Inorganic Chemistry, once a week, during the three Terms. *Third year*: (1) a Course of Honor Lectures on Organic Chemistry, twice a week, during the three Terms; (2) a Course of Honor Lectures on Physical Chemistry, once a week, during the three Terms. *Fourth year*: occasional Honor Lectures on Inorganic, Organic or Physical Chemistry, according to the subject selected by Candidates for Moderatorship for Specialisation.

Practical Chemistry.—Instruction is given in the Laboratory in all branches of Pure and Applied Chemistry, and facilities are provided for research.

Botany, Zoology, and Geology.—The Professor of Botany lectures Junior Sophisters upon three days in each week during six weeks of Michaelmas and of Hilary Terms. The Professor of Zoology lectures during the same period upon alternate days with the Professor of Botany. The Professor of

Geology and Mineralogy lectures Senior Sophisters during the same period. In Michaelmas and Hilary Terms Demonstrations are given to Honor Students in Arts: in Botany, by the Professor of Botany, and in the Anatomy of the Invertebrates, by the Professor of Comparative Anatomy. Each of the Professors of Botany and of Zoology gives a Course of Demonstrations in Trinity Term. In Michaelmas Term the Professor of Geology and Mineralogy gives a second Course of Lectures on Mineralogy and Petrology.

French.—Honor Lectures are delivered by the Professor of Romance Languages to Senior Sophisters, Junior Sophisters, Senior Freshmen, and Junior Freshmen. Lectures in the Ordinary Course are delivered by the Tutors, assisted, when the numbers require it, by a special lecturer appointed by the Board.

German.—The Professor of German lectures Senior Sophisters on three days per week, Junior Sophisters on three days per week, and also lectures the Senior and Junior Freshmen.

LECTURES FOR CANDIDATES FOR MODERATORSHIPS.

Mathematics and Mathematical Physics.—Erasmus Smith's Professor of Mathematics delivers Lectures on three days in each week. The University Professor of Natural Philosophy delivers Lectures on three days in each week; the days and hours are fixed at the commencement of each Term.

Classics.—The Professor of Greek delivers Lectures on Tuesdays, Thursdays, and Saturdays, during Term. The Professor of Latin delivers Lectures on Mondays, Wednesdays, and Fridays, during Term. The Professor of Ancient History and Classical Archæology lectures during Term, on days of which public notice is given. The Professor of Sanskrit lectures on Comparative Grammar, on two days in each week, during Term.

Mental and Moral Philosophy.—The Professor of Moral Philosophy delivers Lectures during Term, of which public notice is given. Lectures are also delivered to the Senior Sophister Class by one of the Honor Lecturers in Mental and Moral Philosophy.

Experimental Science.—Candidates may attend the Lectures of the Professors of Experimental Philosophy, and of Chemistry. In Experimental Physics, the Honor Lectures of the Assistant may be substituted for the ordinary Lectures of the Professor. Notice of the days and hours of these Lectures is given at the commencement of each Term. Candidates for Moderatorships in Experimental Science are entitled to attend the Laboratory of the Professor of Chemistry, from the 1st of November to the 30th of June, on payment of three guineas to the Junior Bursar.

Natural Science.—Candidates may attend the Lectures and Demonstrations of the Professors of Botany and of Zoology. In Trinity Term the Professor of Geology and Mineralogy gives Demonstrations to Candidates for Moderatorships in Natural Science.

History and Political Science.—The Professor of History lectures in each week during Term. The Professor of Political Economy lectures in each Term on General Economics. Lectures are also given for Honor and Moderatorship Candidates on (1) Economic Theory, (2) Economic History.

Lectures on Political Science are delivered twice weekly during Lecture Term.

Modern Literature.—Candidates may attend the Lectures of the Professor of English Literature, of the Professor of the Romance Languages, and of the Professor of German. In Trinity Term, the Professor of German gives Prelections on some subject connected with the Literature of Germany, which are open to the public, and are advertised in the daily papers.

LECTURES IN THE PROFESSIONAL SCHOOLS.

An account of these Lectures will be found in the sections dealing with each School. Lectures connected with the Professional Schools which are not intended for Professional Students exclusively are also mentioned below under the head "Miscellaneous Lectures," or "Public Lectures."

MISCELLANEOUS LECTURES AND COURSES OF INSTRUCTION.

Astronomy.—The Professor of Astronomy lectures on Mondays and Fridays in Hilary Term.

Experimental Science.—Any Graduate of Dublin University who desires to pursue a post-graduate Course of Instruction in the Physical Laboratory shall be permitted to do so on payment of six guineas for a Course extending over three Terms.

Extern Students may be admitted to the Laboratory Courses on the following conditions:—

The name should in each case be recommended by the Professor.

The fee for a nine months' Course should be £10 10*s.*, half to be paid to the Cista Communis, and half to the Professors or Examiners of whose aid the Student should avail himself.

The number so admitted is to be so restricted as not to interfere with the education of the College Students.

Fees for the Chemical Laboratory—Students on the College books pay (*a*) for Ordinary Course, one guinea a Term for one half day a week, or two guineas a Term for three half days a week; (*b*) for Honor Course in Freshman years, one guinea a Term for one half day a week, or two guineas a Term for three half days a week; (*c*) for Honor Course in Sophister years, one guinea a Term for three half days a week, or two guineas a Term for more than three half days a week, provided that the total fee for the Moderatorship Course shall not be less than twelve guineas, nor more than eighteen guineas; (*d*) for all other Courses, one guinea a Term for one half day a week, or two guineas a Term for three half days a week, or three guineas a Term for more than three half days a week. (A Medical or Engineering Student whose Professional Fee covers a Course in Practical Chemistry in any Term, and who wishes to do more work in the Laboratory, pays a half fee for such additional work in that Term.)

Graduates working for Sc.B. pay two guineas a Term.

Graduates of any approved University not on the College Books (working for the Sc.B. Degree), pay £3 10*s*. a Term.

Pharmaceutical Students pay five guineas for 100 hours.

All other Students pay two and a half guineas a Term for one half day a week, or three and a half guineas a Term for three half days a week, or four and a half guineas a Term for more than three half days a week.

Political Economy.—The Professor of Political Economy delivers a Course of at least nine Lectures during some one of the three Academical Terms, which are free to all Students.

English Literature.—The Professor of English Literature delivers Lectures on three days in the week during Term.

Hebrew Lectures.—All Students are permitted to attend Hebrew Lectures. The Professor of Hebrew delivers public Prelections from time to time as required by the Rules of Erasmus Smith's Board, and, in addition, lectures the Senior Class. Due notice of the hours at which these Lectures are held is given at the beginning of each Term. The Lectures of the Assistants are delivered on Tuesdays and Thursdays, at nine o'clock. For the regulations and subjects of these Lectures, see below, Divinity School, § v.

Irish.—The Professor of Irish lectures on two days in the week during Term. The Students attending these Lectures are divided into three Classes—Junior, Middle, and Senior. The Lectures to the First Class are elementary; those to the Middle and Senior Classes are intended for such Students as have made some progress in the Irish Language. Notice of the days and hours of Lecture is given at the beginning of each Term.

The Examination for Prizes is held in Trinity Term. For the regulations of the Examination, see under "Prizes in Irish."

Sanskrit.—The Professor of Sanskrit teaches such Students as may present themselves for instruction, at the commencement of each Term, at the rate of three guineas per Term.

PUBLIC LECTURES.

The following Lectures are open to the public, as well as to all Students:—

The Prelections of—

The Professor of German.
The Regius Professor of Divinity.
Archbishop King's Professor of Divinity.
The Professor of Hebrew.
The Professor of Biblical Greek.
The Regius Professor of Laws.
The Regius Professor of Feudal and English Law.

The Lectures of—

The Professor of Astronomy.
The Professor of Ancient History.
The Professor of Moral Philosophy.
The Professor of Geology and Mineralogy.
The Professor of Ecclesiastical History.
The Professor of Irish.
The Professor of Comparative Anatomy to Medical Students.

Four Lectures of—

The Professor of Natural and Experimental Philosophy.
The Professor of Oratory.

DONNELLAN LECTURES.

The Donnellan Lecture was founded by the Board on February 22, 1794, in order to carry out the intentions of Mrs. Anne Donnellan, of the parish of St. George, Hanover-square, County Middlesex, spinster, who bequeathed £1243 to the College "for the encouragement of religion, learning, and good manners; the particular mode of application being left to the Provost and Senior Fellows."

The regulations originally drawn up by the Board with respect to this Lecture have been altered from time to time, so that they are now as follows:—

The appointment of the Lecturer is made by invitation of the Board, one year in advance, on a day not later than the last Saturday in November in each year.

The subject is agreed upon by the Board and the Lecturer, and treated of in not less than three Lectures, which are delivered in one of the public Halls of the College.

The salary of the Lecturer consists of the interest on £1200 for one year, amounting to about £52, and is paid to him, after he shall have delivered the whole number of Lectures, by the Bursar, at such times and in such sums as the interest is received.

Lecturer for 1922.—Viscount Haldane of Cloan, O.M.
Subject.—The Philosophical Significance of Humanism.

Election to Fellowship and Scholarships.

The rules determining the conditions of election to Fellowship are set forth in Chap. VII. of the College Statutes, and have been modified by the following Ordinances :—

EXTRACT FROM AN ORDINANCE CONCERNING THE ELECTION OF FELLOWS, &c.

[May 24, 1920.]

Elections to Fellowship shall be held as frequently as the Board shall from time to time decide to be requisite for the maintenance of a sufficient staff of teachers, and in the general interest of the College, but so that the total number of Fellows—Senior and Junior—shall not be allowed to fall permanently below twenty-seven (exclusive of Professors elected to Fellowship under the provision of 1 Geo. V, 4 (7) (*e*), and of Honorary Fellows). And if in any year the number of Fellows shall by the resignation, retirement, or death of one or more Fellows fall below twenty-seven, then the Board shall not later than the first day of October next following take steps towards the election of one or more Fellows to make up the number, either according to the method hereinafter described or under the power of electing without examination conferred by the Ordinance of March 29th, 1916.

Except in the cases of election under the Ordinance of March 29th, 1916, and of the election of Professors to Fellowship under the provision of 1 Geo. V, 4 (7) (*e*), and of the election of Honorary Fellows, all Fellows shall be elected in the following manner :

Not less than six months before Trinity Monday of any year in which the Board shall determine to hold an election to Fellowship, the Board shall give public notice of the subject or subjects in which they propose to elect a Fellow or Fellows. Only such persons shall be eligible as have held a Lectureship or Assistantship in the University of Dublin for at least two years, or shall have received special permission from the Board to offer themselves for election. In electing to these Fellowships the Board shall have regard to the attainments and qualifications of each candidate agreeably to the Statutes of the College, and to the ability which he has shown as a Lecturer, and to the requirements of the College at the time, as well as to the results of the examination referred to in (*a*) and (*b*).

(*a*) The fitness of the candidates shall be examined shortly before the date of election in such subjects and in such manner as the Board shall in each case determine by Examiners appointed for that purpose.

(*b*) The Examiners shall report to the Board on the merits of each candidate, and the Board shall after considering their report proceed to election in the form and manner prescribed by the Statutes : but if in the judgment of a majority of the Board sufficient merit has not been shown no candidate shall be elected.

ORDINANCE EMPOWERING THE BOARD TO ELECT FELLOWS WITHOUT EXAMINATION.

[March 29, 1916.]

It is ordained by the Board of Trinity College, Dublin, with the written assent of a majority of the Fellows and the approval of the Visitors, that election to Fellowship may be made by the Board as may to them seem advisable in the interests of the College, not oftener than once in three years, after an estimate of the merit of candidates without examination, such candidates to be otherwise qualified according to the statutes: provided always that Fellows so elected shall have priority on the Roll of Fellows according to priority of election: and that for the purpose of giving effect to this ordinance the following rules shall be adopted and published, that is to say:—

Not oftener than once in three years a Fellowship may be awarded on grounds of distinguished merit, as shown primarily by the candidate's published work: provided always that no person shall be elected to such a Fellowship without the assent of a majority of the Fellows. In regard to such elections the Board shall announce beforehand what subject or subjects will be regarded as most important, and shall be guided by the requirements of the College at the time, and assisted by the report of a committee to be appointed by the Board to advise the Board upon the merits of the candidates. On this committee experts additional to those upon the College staff may be invited to serve. A candidate shall be selected by the Board after they have considered the report of the Committee, and the Board shall elect as soon as the required assent of the majority of the Fellows has been obtained.

Before the day of election every Candidate for Fellowship must send to the Provost his name, and the name of the county in which he was born.

On June 11, 1921, the Board resolved that no Fellowship Examination shall be held in 1922.

FOUNDATION SCHOLARSHIPS.

Men are elected to Scholarships for merit in Classics or in Mathematics or in Experimental Science or in Modern Languages or in Natural Science or in History and Political Science, or in Mental and Moral Philosophy. In order to distinguish them from the holders of other Scholarships, they are termed Scholars of the House, or Scholars on the Foundation. The number of such Scholars is seventy, and they have important privileges. They receive from the College an annual salary of £20 Irish money; they have their commons free of expense, and their rooms for half the charge paid by other Students.[a]

[a] This does not apply to that portion of the rent imposed to defray expenses incurred in papering or painting.

The tuition fees of Pensioners who are elected to Scholarships is one guinea per quarter, and of Fellow-Commoners, two guineas. They hold their Scholarships until the end of the June Quarter of the fifth year following their election, or following the time at which they become or might have become Masters of Arts, whichever period terminates first. All fees payable by Scholars for Tuition terminate after the quarter in which they take the Degree of Bachelor of Arts.

Exhibitions awarded to Scholars.

Any Scholar who has not dropped a Class after the Michaelmas Examination of his Junior Sophister year, nor dropped more than one Class, and who obtains a Senior Moderatorship at the Degree Examination, and does not obtain one of the Studentships, is awarded one of certain Exhibitions of small value, to which Students are appointed by the Board, if such be then vacant, and such further Exhibition as shall raise the entire annual value of his Exhibition to £10. The Exhibition is tenable for three years, provided the holder's Scholarship lasts so long.

Waiterships.

Before and after meat, grace was formerly said by certain of the Scholars in turn, who were called *Waiters*. This obligation was done away with by the Act 36 Victoria, chapter 21.

Ten Scholars, or other Students, are now annually appointed to say grace before and after meat in the Commons Hall, on the following conditions:—

1. They shall each receive a salary of £10 per annum, to be paid quarterly, if the duty has been satisfactorily discharged.

2. They shall be annually selected by the two Deans, and the names of those selected shall be submitted to the Board for appointment to the office.

3. Regard shall be had, in the selection, to the general character of the Student for regularity, steadiness, and general good conduct, as such qualities are the best security that the duties of the office will be properly discharged.

The grace must be repeated *memoriter* and in Latin, in a form prescribed by the Statutes of the College.

Keeping of Terms by Scholars.

The following Rules have been passed by the Board, with regard to the attendance by Scholars at Lectures:—

I. *Graduates.*—All Scholars who have actually passed the B. A. Degree Examination are exempted from suspension for non-attendance at Lectures.

II. *Undergraduates.*—1. Every Undergraduate Scholar shall be required to keep each Term, by attendance either at Lectures, or the subsequent Examination, on pain of being conditionally suspended.

2. Full attendance on the Lectures of the University Professors, such as would prove that an Undergraduate Scholar is engaged *bonâ fide* in preparation for the Moderatorship or Indian Civil Service Examinations, or in professional studies, shall be held sufficient to exempt him from suspension for that Term.

3. Any Undergraduate Scholar who shall have been conditionally suspended under the foregoing rule shall be restored on obtaining an Honor at a subsequent Examination.

4. Any Undergraduate Scholar who shall remain conditionally suspended for three Terms shall absolutely forfeit his salary for the past year, unless he shall produce to the Board satisfactory excuses for his neglect.

5. No student can compete for a Scholarship until after his name has been entered on the College books as a Junior Freshman, *i.e.* he cannot compete as a *rising* Junior Freshman. (See "Course in Arts," § 5.)

6. Any Scholar who shall fail to keep the Terms and Examinations necessary to enable him to proceed with his Class shall *ipso facto* forfeit his Scholarship, and no Scholar can have his name transferred to a lower Class without the express permission of the Board.

NON-FOUNDATION SCHOLARSHIPS FOR WOMEN.

As the Foundation Scholarships in Trinity College are tenable only by men, and it was desirable that Scholarships should be established for women:

It was decreed by the Board, with the approval of the Council and the consent of the Visitors, in Michaelmas Term, 1904:

I. That Scholarships shall be established for women.

II. That, with the approval of the Council, the subjects of Examination for such Scholarships shall be the same as for the Foundation Scholarships hereinbefore mentioned, and that the Examinations for both shall be held at the same time and place.

III. That the value of such Scholarships shall be £30 a year, with exemption from ordinary College Fees, save the Tuition Fees of one guinea per quarter for which the Foundation Scholars are at present liable.

IV. That the period of tenure of such Scholarships, and the period during which the Tuition Fees shall continue to be payable, shall be the same as in the case of the Foundation Scholarships.

Mode of Election.

1. On or before the day of election every Candidate for Scholarship must send to each member of the Board or to the Registrar, his name, and the name of the county in which he was born. The form in which this is generally done is as follows:

Ego, A.B. —— filius, natus in comitatu N., sub ferula —— educatus, Discipulatum a te humillime peto.

No Candidate for Scholarship will be regarded as eligible unless he has paid the April current half-yearly fee of his class. This rule not to apply to Sizars.

2. The Examination for Scholarships is held on such days, not being less than four in number, in the seven week days preceding the commencement of Lectures in Trinity Term, as the Board shall fix and promulgate, at least ten months beforehand.

3. Candidates for Scholarships in Mathematics are examined in all the Pure and Applied Mathematics of the Undergraduate Honor Course for which a Junior Sophister Student would have been liable from his entrance up to the Trinity Examination of the Junior Sophister year inclusive. In the Examination equal weight is assigned to Pure and to Applied Mathematics.

4. Candidates for Scholarships in Experimental Science are examined in the Honor Courses in Experimental Science for the Junior and Senior Freshman years, and for the Hilary and Trinity Honor Examinations of the Junior Sophister year.

Examination Papers are set in (*a*) Mathematics, (*b*) Experimental Physics, (*c*) Chemistry, and a Practical Examination is held in both Experimental Physics and Chemistry; 100 marks each are allotted to (*a*), (*b*), and (*c*), and 50 marks to each of the two Practical Examinations.

The Course in (*a*) Mathematics is based on the Course in Experimental Physics extending so far as is necessary for the proper study of Experimental Science, and including Elementary Analytical Geometry, Elementary Differential and Integral Calculus, a knowledge of the simple harmonic function, Mechanics, Hydrostatics, and Geometrical Optics.

5. Candidates for Scholarships in Classics are examined in all the Classics of the Undergraduate Honor Course for which a Junior Sophister Student would have been liable from his entrance up to and including the Trinity Examination of the Junior Sophister year. The Course for *vivâ voce* Examination is as follows:—

Greek Prose Authors, . .	Plato: Gorgias. Demosthenes: De Corona. Thucydides: Book VII.

Greek Poets,	Homer: Iliad, Books XXI., XXII., XXIII., XXIV.
	Homer: Odyssey, Books VI., IX., XXI., XXII.
	Sophocles: Ajax, Antigone, Philoctetes.
	Euripides: Medea, Bacchae, Troades.
Latin Prose Authors,	Livy: Books XXI., XXII.
	Tacitus: Histories, Books I., II.
Latin Poets,	Virgil: Aeneid VII., VIII., IX.
	Horace.
	Terence: Adelphi, Phormio.
	Plautus: Trinummus, Captivi.
	Juvenal: Satires, I., III., IV., VII., VIII., X., XIII., XIV.
	Persius: Satires, I, II, III, V, VI.

They are also examined in Greek and Latin Composition, in English Composition, in Greek and Roman History, and in Comparative Philology. The Course in History is :—

Bury,	History of Greece.
How and Leigh,	History of Rome.
Bury,	Student's Roman Empire, Chaps. 1–25.

Together with the lectures of the Professor of Ancient History and Classical Archæology in Ancient History and Classical Archæology during the two academic years preceding each examination.

The Course in Comparative Philology is :—

Edmond's Comparative Philology, chaps. 7, 8, and 9, together with the special lectures of the Professor.

The *Vivâ Voce* Course is divided among eight Examiners. Greek and Latin Verse Composition are both compulsory subjects. The numbers assigned as marks to the various subjects of Examination are as follows :—

	Marks.
4 Papers of Passages,	60
8 Marks for *Vivâ Voce*,	80
4 Greek and Latin Compositions,	60
English Essay on Classical subject,	15
Critical Paper,	30
Historical Paper,	40
Philology Paper,	15
	300

The subjects of Examination for Scholarships in Classics at the several hours are arranged as follows:—

First Day,	Morning, .	Greek Prose Authors (with *vivâ voce* concurrently).
	Afternoon, .	Greek Poets (with *vivâ voce* concurrently).
Second Day,	Morning, . .	Latin Prose Authors (with *vivâ voce* concurrently).
	Afternoon, .	Latin Poets (with *vivâ voce* concurrently).
Third Day,	Morning, . .	Historical Paper (two hours). Philology Paper (one hour).
	Afternoon, .	English Essay on a Classical subject (one hour); Critical Paper (two hours).
Fourth Day,	Morning, .	Greek Prose Composition (one hour and a half); Greek Verse Composition (one hour and a half).
	Afternoon, .	Latin Prose Composition (one hour and a half); Latin Verse Composition (one hour and a half).

7. Candidates for Scholarships in Modern Languages are required to compete in two of the three languages, French, German, Italian. In French they will be examined in all the works of Corneille, Racine, Molière, Hugo, and Balzac prescribed in the Undergraduate Honor Course up to and including the Trinity Honor Examination for Junior Sophisters, and in German they will be examined in all the books so prescribed, with the exception of Gothic and Old High German. In Italian they will be examined in all the books so prescribed, with the exception of Petrarca, Sannazaro, and Torraca.

An English Essay relating to the subjects of the Examination will be required, and will have considerable weight in the Election.

Women candidates for Scholarships in Modern Languages must not have passed the Degree Examination.

8. The examination includes the following subjects:—

(*a*) Prescribed books, as above (see pp. 111–117).

(*b*) Composition in the two languages selected.

(*c*) Translation at sight from the two languages selected.

(*d*) An English Essay.

(*e*) A *Vivâ Voce* examination in the two languages selected.

The following is the scheme of papers and marks for this examination, which will begin at the same time as that for Classical Scholarships:—

	Marks.
First Morning: English Essay,	100
First Afternoon: French and German Translation (two papers),	100 + 100
Second Morning: French Composition,	100
Second Afternoon: French Prescribed Books (Paper I),	100
Third Morning: French Prescribed Books (Paper II), and *Viva Voce*,	100 + 50
Third Afternoon: German Prescribed Books (Paper I),	100
Fourth Morning: German Composition,	100
Fourth Afternoon: German Prescribed Books (Paper II), and *Viva Voce*,	100 + 50
Fifth Morning: Italian Composition,	100
Fifth Afternoon: Italian Prescribed Books (Paper I),	100
Sixth Morning: Italian Prescribed Books (Paper II), and *Viva Voce*,	100 + 30
Sixth Afternoon: Italian Translation (2–3.30),	100
Total for two languages and English Essay,	1000

9. Candidates for Scholarship in Natural Science are examined in the Honor Courses in Natural Science for the Junior Freshman and Senior Freshman Years, and for the Hilary and Trinity Honor Examinations of the Junior Sophister year.

In each of the three Divisions of Natural Science, i.e. Zoology, Botany, and Geology, two papers are set. There is, in addition, a practical examination in each Division. The papers in the several Divisions and the marks assigned to them are allocated as follows:—

Zoology: Morphology 100; Physiology and Histology 100; Practical 100.

Botany: Morphology 100; Physiology 100; Practical 100.

Geology: Physical Geology 100; Stratigraphical Geology 100; Practical 100.

10. Candidates for Scholarships in History and Political Science are examined as follows:—

Six papers will be set for the Examination, the subjects of which are:—

	Marks.
I. General Modern History, 476–1494,	150
II. General Modern History, 1494–1815,	200
III. English and Irish History, 449–1815,	150
IV. Constitutional History,	200
V. Economic and Social History,	150
VI. Essays upon general subjects related to the Course,	150
	1000

On Papers I. to V., passages in French and German may be set to test the candidate's capacity for reading Modern Languages.

I. *General Modern History* (476–1494).—*Previté Orton: Outlines of Mediæval History. *Bryce: Holy Roman Empire. Curtis: Roger of Sicily. Philippe de Comines: Mémoires. Lavisse et Rambaud: Histoire générale, vol. i., chaps. 4 and 13; vol. ii., chap. 15; vol. iii., chap. 16. Henderson: Select Documents of the Middle Ages, pp. 169-439.

II. *General Modern History* (1494–1815).—*Last three volumes of the "Six Ages of European History" (Ed. A. H. Johnson). Gardiner: Thirty Years' War. Johnston: History of the French Revolution. Rose: Napoleonic Studies. Lavisse et Rambaud: Histoire générale, vol. iv., chaps. 10, 11, and 12; vol. v., chap. 1; vol. vi., chap. 4. Cambridge Modern History: vol. vii., chaps. 3 and 4.

III. *English and Irish History* (449-1815)—*Green: Short History of the English People (latest edition) *Walpole: Short History of Ireland. *Oman: England before the Norman Conquest, pp. 186–245. Dunlop: Henry VIII.'s Irish Policy. Innes: Ten Tudor Statesmen Gardiner: History of England (1603–1642), chaps. 9, 10, 18, 75, 76, 81, and 101. Political History of England (ed. Hunt): vols. vii. and x. Burke: Speeches on America. Cambridge Modern History: vol. vi., chap. 14; vol. ix., chap. 22.

IV. *Constitutional History.*—*White: Making of the English Constitution. *Dale: Principles of English Constitutional History. Medley: Original Illustrations of English Constitutional History. Stubbs: Constitutional History of England, vol. ii., chaps. 14, 15, and 16. Hallam: Constitutional History of England; Middle Ages, chap. 8. May: Constitutional History of England, vol. i., chaps. 1, 2, 5, and 6.

V. *Economic and Social History.*—*Ashley: Economic Organisation of England. *Meredith: Economic History of England. Seebohm: English Village Community (chaps. 1–5 inclusive). Unwin: Industrial Organisation. Rand: Selections illustrating Economic History. Cambridge Modern History: vol. x., chaps. 23 and 24; vol. xi., chap. i.; vol. xii., chap. 23.

N.B.—Those books which are marked with an asterisk are especially recommended, the rest may be consulted upon particular points.

11. Candidates for Scholarship in Mental and Moral Philosophy will undergo a written Examination in the following seven subjects:—

1. Logic.
2. Psychology.
3. Modern Pre-Kantian Philosophy.
4. Kant's Critique of Pure Reason.
5. History of Philosophy.
6. The Elements of Ethics.
7. A special work:—
   For 1922, Bergson, Matiere et Memorie.

On the morning of the fourth day of the Examination the Candidates will be examined vivâ voce. 100 marks will be allotted to each paper, and 100 marks to the vivâ voce.

Course of Reading recommended:—

James: Text-book of Psychology.
R. A. P. Rogers: Short History of Ethics.

And the Books recommended for the Freshmen and Junior Sophister years of the Honor Courses in Mental and Moral Philosophy.

Studentships and Prizes awarded at the Degree and Final Freshman Examination.

STUDENTSHIPS.

By the Royal Statute of 22nd Victoria, fourteen Studentships were founded in Trinity College, open to Candidates of all religious denominations, with a salary to be fixed by the Provost and Senior Fellows, not exceeding £100 per annum for each. By this Statute if any person holding a Studentship shall be elected a Fellow, his Studentship shall thereupon become vacant.

By the Royal Letters Patent of May 20, 1889, these Studentships were made tenable for a period not exceeding five years, and the number was reduced to ten.

The following regulations have been made by the Board, under the authority of the foregoing Statutes, with respect to the election of Students:—

I. Two Students shall be elected annually if sufficient merit is shown, one from the Senior Moderators in Mathematics and one from the Senior Moderators in Classics.

By the Royal Letters Patent of May 20, 1889, the Provost and Senior Fellows were empowered either to decline to elect to a Studentship, or to award a Studentship of reduced value, in case of insufficient merit: and also to divide the emoluments of a Studentship in cases of equality or closeness of answering between the Candidates.

II. A member of the Board shall preside at each Moderatorship Examination.

III. The results of the Moderatorship Examinations shall be the basis upon which the Board will elect to Studentships, according to the following regulations:—

1. In addition to the primary Courses, Mathematics or Classics, the Board will take into account the answering of the Candidates in one other Moderatorship Course.

2. Students taking the Mathematical Moderatorship as a primary Course may take up Classics as a secondary Course, and *vice versâ*.

3. The weight to be assigned to the Primary and Secondary Courses respectively shall be in the proportion of 3 to 2.

4. A minimum shall be fixed for each Course, and the merit of each Candidate shall be measured by the excess of his answering above that minimum. The minimum in each Course shall be one-fourth of the total weight of the Course.

IV. The Examiners in each Course shall make a full report to the Board of the answering of the Candidates, and each Elector shall vote for the two Candidates whose answering, on the whole, shall appear to him the most distinguished; provided there be no objection to such Candidate on the score of moral character or conduct.

V. No person who shall drop more than one class will be permitted to be a Candidate for Studentship.

VI. No person will be permitted to be a Candidate for Studentship who shall have dropped a class after the Michaelmas Examination of his Junior Sophister year.

VII. No change in the mode of electing to Studentships shall be made, unless after a year's previous notice.

VIII. In case any person holding a Studentship shall be elected to a Fellowship of any College in Oxford or Cambridge University his Studentship shall thereupon become vacant.

IX. University Students are required to lecture in the College one hour a day during Term, unless specially exempted by the Board.

MODERATORSHIP PRIZES.

In addition to the two Studentships which are annually filled up, Prizes of value not less than £50 may be awarded to Students who shall have specially distinguished themselves at the Moderatorship Examinations, but, in general, conditions as to research or study will be imposed upon those to whom the award is made.

THE KING EDWARD PRIZE.

On October 17th, 1903, it was resolved by the Board, that in commemoration of the King's visit to Trinity College in July, 1903, a Prize be instituted of the value of £10, to be given each year to that Respondent whose answering shall have been the best amongst those Respondents who shall have answered in the whole Course required at the Degree Examination from students not having any special privilege. Subject to the permission of His Majesty, the Prize to be called "The King Edward Prize."

The approval of His Majesty was conveyed to the Board on January 16th, 1904.

On January 27th, 1910, it was resolved by the Board, that in future the King Edward Prize shall be awarded only at the Michaelmas Examination for B.A. Degree held in December; and on January 14th, 1911, that Candidates must satisfy the conditions V. and VI, above, for Studentships.

BROOKE PRIZES.

On the 11th October, 1879, it was resolved by the Board, with the assent of the Misses Brooke:—

That two Prizes, equal in amount, and representing the interest of the sum of £2000 presented by the Misses Brooke, be constituted, to be given annually to the Candidates for Moderatorship who rank next in order, severally, to the Moderators who are appointed Students for Mathematics and for Classics, the Prizes to be called the Brooke Prizes.

The Fund yields annually about £68; the Prizes are payable half-yearly in February and October, by the Bursar.

JELLETT PRIZES FOR GENERAL ANSWERING.

The Rev. John Hewitt Jellett, D.D., late Provost of Trinity College, awarded Prizes for General Answering from 1884 to 1887. In the year 1889 the Rev. George Salmon, D.D., Provost of Trinity College, provided a fund for the payment of these Prizes. The Prizes are awarded under the following Regulations:—

Two Prizes for General Answering are given at the Final Freshman Examination held at the end of the Trinity Term of the Senior Freshman year. No Student is eligible for either of these Prizes who shall be elected to a Senior Exhibition, or who is excluded by the College Rules from competing for a Senior Exhibition. Subject to these exceptions, the Prizes are awarded to the two Students respectively who obtain the highest aggregate of marks at the above-mentioned Examination, provided that this aggregate be not less than 65 per cent. of the total amount of marks obtainable. The Fund produces annually about £8. This is usually divided between the two best answerers in the ratio of 5 to 3, but, in case of equality of merit, the Board may, if they think fit, award a Prize of £4 to each of the two Students.

Special Prizes.

In the case of all Prizes, the Board reserve the power of diminishing the amount of the Prize, or withholding it altogether, if insufficient merit has been shown by the Candidates, and, in the case of Prizes which are payable out of Special Trust Funds, the amount will further depend on the dividends in hand.

MADDEN PRIZE

AND

PREMIUMS AT THE EXAMINATIONS FOR FELLOWSHIPS.

The Board, at every Fellowship Examination, grant Premiums to such Candidates as appear to them to deserve encouragement, and in such proportions as they consider merited by the answering.

In the year 1798, Madden's Prizes were first granted according to the conditions specified in the following extract from the codicil to the will of Samuel Molyneux Madden, Esq., dated August 7th, 1782:—

"Whereas I, Samuel Molyneux Madden, have, in the body of my last will and testament, bequeathed all my estate and property, situated in the Corporation of Belturbet, immediately after the demises therein mentioned, to be employed in promoting virtue and learning in Trinity College, in the County of Dublin, subject to such regulations as I shall exposit and declare in any codicil to my said will. In pursuance of that my design, I do hereby constitute and appoint the three persons immediately hereafter named to be Trustees for the carrying into execution that design, That is to say: The Right Honourable James Lord Viscount Lifford, Lord Chancellor of Ireland, the Most Rev. and Right Honourable Richard Robinson, Primate of all Ireland, and the Right Rev. Richard Woodward, Lord Bishop of Cloyne, humbly entreating those very worthy and highly respected persons to vouchsafe their protection and favour to a design so suited to their own excellent dispositions. I do further declare it to be my humble request and desire, that the Vice-Chancellor of Trinity College, for the time being, be one of the Trustees and Governors of the fund to be raised for the design and purpose aforesaid, and that the Lord Primate, for the time being, be also one of the Trustees and Governors of said fund, and to carry into execution my intent and design, as hereinafter mentioned. My will, intent, and request therefore is, that at every Examination for Fellowships in Trinity College, the whole produce of the said fund, during the preceding year, be given, in one undivided sum, into the hand of that disappointed candidate for the Fellowships whom the majority of his Examiners

shall, by certificate in writing under their hand, declare to have best deserved to succeed, if another Fellowship had been vacant. Provided always, that no premium thus provided be given to any disappointed candidate, in any year wherein there shall not be at least two disappointed candidates at the Examination, and also, provided always, that the Provost and Senior Fellows of the College do not diminish the premiums which through their zeal to encourage learning they generously bestow on the disappointed candidates for Fellowships at each Examination. And whereas there are some years wherein there are not any Examinations for Fellowships held, no vacancy having happened in the College, I do hereby desire that the revenue of my estate and fund, in every such year, be laid out in Government securities by my said Trustees, and the interest of such Government securities be added to the succeeding produce of the united fund aforesaid, and thus the premium be increased which shall be given to disappointed candidates in the succeeding years, and I do desire that this premium or bounty be confined to one only disappointed candidate for Fellowship, until the annual revenue of the fund arise to four hundred pounds, after which period the Trustees aforesaid may appropriate the further increase of the fund towards the constituting a bounty for a second disappointed candidate, or rather for a premium for the best Oration or Essay in Latin on such subject as the College shall annually choose, as such encouragement is greatly wanted. And further, in aid to the said intended fund, as the present revenue of the Estate in the Corporation of Belturbet is but £86 rent, I do hereby bequeath to the three Trustees aforenamed all my personal estate of what nature soever, after the death of my most dearly beloved wife, to be by them converted into money, and to be laid out in Government Debentures, and applied to the great end of encouraging virtue and learning in the College, where the youth of the nation are educated, and where most essential service may be expected from their care and patronage, and therefore I do hereby appoint the aforesaid Trustees my Residuary Legatees."

Until the year 1894, the property devised under this will was vested in and managed by individual trustees. By a decree of the Master of the Rolls, dated the 28th day of April, 1894, the Provost, Fellows, and Scholars were appointed trustees of the trust property; and, by Letters Patent, the Board of Trinity College were empowered to hold the lands devised by the will of Mr. Madden. All the trust property is now vested in and managed by the Board of Trinity College. It produces annually nearly £400, which is paid by the Bursar to the first disappointed candidate after the Fellowship Examination.

PRIZES IN SUBJECTS CONNECTED WITH THE STUDY OF DIVINITY.

[See also under Divinity School.]

WALL BIBLICAL SCHOLARSHIPS.

In Michaelmas Term, 1858, the Rev. Charles William Wall, D.D., Vice-Provost, gave to the Provost and Senior Fellows the sum of £2000, for the purpose of founding Biblical Scholarships, in accordance with certain conditions submitted by him to the Board, and approved. Five Scholarships were accordingly founded (to be called "The Wall Biblical Scholarships"), tenable each for five years from the date of election, with a salary of £20 a year, one to be elected annually according to such regulations as the Provost and Senior Fellows shall from time to time enact, in conformity with the wishes of the Founder, as recorded in the Register of the College.

The following is the Course for Examination for the year 1922:—

Kings, Bk. I (omitting Chaps. VI and VII), Bk. II, Chaps. I–XIII (Hebrew and LXX).

Daniel, Ch. II, *v.* 4, to VII. Ezra, Ch. IV, *v.* 8, to VI, *v.* 19, VII, *vv.* 12–27, in Chaldee (Aramaic) and Syriac.

W. Wright's "Lectures on the Comparative Grammar of the Semitic Languages."

S. R. Driver's "Treatise on the use of the Tenses in Hebrew."

Franz Buhl's "Canon and Text of the Old Testament."

T. H. Weir's "Short History of the Hebrew Text of the O.T."

The following Articles in Hastings' Dictionary of the Bible:—1. The Septuagint. 2. Syriac Versions. 3. Targums.

R. Duval's "La Littérature Syriaque" (Lecoffre).

T. K. Abbott's "Essays on the Text of the Old Testament."

Chwolson on the Quiescentes (Hodges & Figgis).

The Founder's Essay, "Proofs of the Interpolation of the Vowel-Letters in the Text of the Hebrew Bible."

An easy passage in Syriac (unseen) will be set for translation, and a passage in English for translation into Hebrew.

The Examination for the present year will be held in Trinity Term, on days arranged at the end of the preceding Hilary Term, after due notice has been received. The names of Candidates must be on the College Books, and their standing, reckoned from Entrance, must be below that of M. A.

Candidates must notify the Senior Lecturer in Hilary Term on or before the day appointed in the Calendar (see Almanac).

The Scholarships are paid quarterly by the Bursar.

THE ELRINGTON THEOLOGICAL PRIZE.

At a general meeting of the Clergy and Laity, assembled in Dublin on the 4th day of March, 1837, to consider the best mode of commemorating the virtues, the learning, and the wisdom of the late Right Rev. Thomas Elrington, D.D., Lord Bishop of Leighlin and Ferns, and formerly Provost of Trinity College, Dublin, the following Resolutions were passed:—

"Resolved,—That, in the opinion of this Meeting, the conduct of the late highly-respected Bishop of Ferns was uniformly distinguished by an earnest desire and endeavour to do substantial good, without needless display or ostentation; especially by implanting and strengthening in the minds of all with whom he was at any time connected, whether those of future candidates for the ministry, or those of actual Ministers of the Church, or those of the members of the Church in general, a well-founded belief in the truth and doctrines of our Holy Religion, and a steady attachment to its primitive institutions, according to the form of Christianity established in the United Church of England and Ireland.

"That such a monument appears to us most appropriate to his character, and best calculated to do becoming honour to his memory, as shall be formed upon the principle of carrying forward those solid religious benefits which he was indefatigable in promoting during his life; a mode of testifying respect to which this Meeting is more inclined, by a consideration of the excellent personal representation of the late Prelate which already adorns the College Library.

"That, for the foregoing purpose, it is adjudged desirable to institute an annual Prize for one or more of the best Theological Essays, composed by Bachelors of Arts of Trinity College, Dublin, of not more than three years' standing.

"That the subject of the Essays be such as may direct the minds of the competitors to those topics in particular which were either discussed in the published works of the late Bishop, or were prominent objects of his solicitude; for example, the Evidence of our Holy Religion—the Constitution of the Christian Church—the Scriptural Character of the Doctrines, and the Apostolical Polity of our own Church—the necessity and validity of her Orders—and the just Claims and the solemn Engagement of her Ministers.

"That this Prize be denominated The Elrington Theological Prize; that the subjects be proposed, and the Prize awarded, by the Lord Bishop of Ferns, the Provost of Trinity College, and the Regius Professor of Divinity, all for the time being, in such way as they shall arrange among themselves; that the Essay or Essays be publicly read in the College Hall, at such time as the Provost shall appoint; and that the Prize consist of a selection of standard Theological works, of which the publications of the late Bishop, if attainable, as we trust they will be rendered by the filial piety of the present Regius Professor of Divinity, shall at all times form a part. This Prize cannot be obtained more than once by the same candidate."

The Essays, clearly and legibly written, with fictitious signatures, are to be given to the Provost, or to the Regius Professor, on or before the 1st day of November in each year.

The foregoing Resolution has been altered so as to admit Graduates of the University of not more than *eight* years' standing (reckoned from the date of their B.A. Degree) to compete for the Prize. The subject will henceforth be announced two years before the date at which the Essays are to be sent in; and the value of the Prize will be £50.

Subject for 1921.—Punishment, Divine and Human.

Subject for 1922.—St. Paul's use of the Old Testament.

Subject for 1923.—Bergson and Christianity.

PRIZES IN BIBLICAL GREEK.

THESE are open to all Students of at least Junior Sophister standing. The regulations are given in § vi, Prizes, Divinity School.

PRIZES IN ECCLESIASTICAL HISTORY.

THESE are open to all Students who have attended the Professor's Lectures during the two Terms of the actual year in which they present themselves as Candidates. The regulations are given in § vi, Prizes, Divinity School.

PRIZES IN MATHEMATICS.

THE LLOYD EXHIBITIONS.

At a Meeting of the Subscribers to the Lloyd Exhibition Fund, held in Trinity College, on Saturday, the 16th of November, 1839, the Rev. J. H. Singer, D. D., in the Chair, it was agreed:—

I. That a sum of money having been subscribed for the foundation of Exhibitions in the University, to commemorate the talents and virtues of the late Provost Lloyd, by the promotion of learning in the Institution to whose interest his life was devoted, the aforesaid sum shall be lodged in the hands of the Provost, the Professor of Natural Philosophy, and the Professor of Mathematics, for the time being, in Trust for the purposes declared in these resolutions.

II. That the interest of the aforesaid sum, and of such other sums as may at any time be added to it, shall be applied to the foundation of two Exhibitions, to be held for two years only.

III. That the appointment to these Exhibitions shall be made by a public Examination, under the following regulations:—

1. The Examinations shall be held in Michaelmas Term, annually, after the Michaelmas Term Examinations, and shall be open to such Students only as shall then be in the *rising* Senior Sophister Class.

2. No Student shall be admissible as a Candidate a second time.

3. The Exhibition shall be tenable only so long as the Student to whom it is awarded shall have his name on the College Books.

4. The Examiners shall be the Professors of Astronomy, Natural Philosophy, and Mathematics, and the Assistants to the Professor of Mathematics; or any three of them, as they shall agree among themselves.

5. The subject of Examination shall be a course of Mathematics and Physics, to be determined by the Examiners, subject to the approval of the Board.

These regulations have been modified by the following Resolutions of the Board of November 22nd, 1913:—

1. That in future the Course for the Lloyd Exhibition shall be the Honor Course in Mathematics up to and including the Course for the Michaelmas Junior Sophister Prize Examination.

2. That the Junior Sophister Michaelmas Prize Examination be merged in the Examination for Lloyd Exhibition, and that the present Examiners for Lloyd Exhibition examine at the same time for Junior Sophister Mathematical Prizes and for Lloyd Exhibition.

IV. Any Exhibition which may fall vacant before the natural period of its expiration shall not be filled up, but its amount shall be added to the principal, for the augmentation of the fund; and the same rule shall be followed in case it should at any time happen that no Candidate of sufficient merit shall present himself.

The fund produces annually about £29. The Exhibitions are payable half-yearly by the Bursar in February and October.

BISHOP LAW'S MATHEMATICAL PRIZES.

In the year 1796, the sum of £735 was given to the College by John Law, Bishop of Elphin, on condition that it should be applied to the purpose of encouraging the study of Mathematics, according to a scheme which was subsequently slightly modified so that it now is as follows:—

1. The sum of £20 to be given to that Junior Bachelor who shall pass the best Examination in Algebra, the application of Algebra to Geometry, and Spherical Trigonometry; and £10 to that Junior Bachelor who shall appear to be the second best proficient in the same subjects.

2. The Examination to be held on two days in Michaelmas Term, which will be arranged at the end of the preceding Trinity Term, after due notice has been received.

3. The Examiners of the Candidates for the Premiums to be the Professors of Mathematics, Natural Philosophy, and Astronomy.

4. The sum of £10 to be given, in turn, to each Professor, in order that he may entertain the other two Examiners at dinner, on the day that the Premiums are adjudged: the rotation to begin with the senior.

THE M'CULLAGH PRIZE.

In November, 1854, it was resolved by the Subscribers to the M'Cullagh Prize Fund:—

1. That an Annual Prize of £30 be founded, to be called the M'Cullagh Prize.

2. That the competition for this Prize be open to all persons not being Fellows of Trinity College, or Professors in the University of Dublin, whose names shall be on the books of the said College, on the day appointed for the adjudication of the Prize, and for at least three days previously.

3. That this Prize shall, subject to the restriction in No. 7, be awarded to the best answerer at an Examination, to be held on a day fixed by the Examiners, and of which due notice shall be given.

4. That the subject of this Examination shall be a Course of Mathematics and Physics, or of either of these, to be fixed from time to time by the Examiners, as stated in No. 6.

5. That the Examiners for this Prize shall be the Professor of Astronomy, the Professors of Natural Philosophy, the Professor of Mathematics, the Donegal Lecturer, and the Assistant to the Professor of Natural Philosophy, or any three of them.

6. That the subject of each Examination shall be determined by the aforesaid six Examiners, or the majority of them, and publicly announced, at least one year previously to the day appointed for the Examination.

7. That if at any Examination the Examiners shall be of opinion that sufficient merit has not been shown by any of the Candidates, it shall in such case be competent for the said Examiners to withhold the Prize for that year; and that the sum or sums thus accruing shall form a surplus fund, from which Prizes may be adjudged to such disappointed Candidates for the M'Cullagh Prize as the Examiners may consider to be worthy of such encouragement.

8. That no person who has once obtained the M'Cullagh Prize shall be admitted as a Candidate a second time.

In 1875, a change was made in the investment of the Fund, which rendered the sum available in each year for Prizes £40. If, therefore, sufficient merit be shown, it is open to the Examiners to award in each year an additional Prize or Prizes.

The Examination is held in Hilary Term.

Subject for 1922.—Hydrodynamics.

THE MICHAEL ROBERTS PRIZE.

On the 13th June, 1883, the sum of £200 was received from Mrs. Michael Roberts, to found a Prize in Mathematics, to be called the "Michael Roberts Prize."

The Michael Roberts Prize is awarded to the Student who, having passed the Final Freshman Examination, shall be judged by the Board to have answered best at the Mathematical Honor Examination of the Senior Freshmen in the Michaelmas Term.

The sum invested yields annually about £6.

THE TOWNSEND MEMORIAL PRIZE.

On the 19th December, 1885, a scheme, recommended by a final meeting of the Subscribers of a Fund in memory of the late Rev. Richard Townsend, was laid before the Provost and Senior Fellows, and adopted by them. It provided:—

1. That the balance of the Fund subscribed, after paying the cost of the Portrait in the Common Room, be invested in approved Trustee securities in the names of the Bursar of Trinity College, Rev. George Salmon, D.D., Benjamin Williamson, M.A., and George L. Cathcart, M.A., as Trustees for the purposes of the Fund.

2. That an Annual Prize, payable out of the interest of the Fund, and depending on its amount, be founded in the University of Dublin, to be called "The Townsend Memorial Prize."

It then prescribed rules under which the prize was to be given to the best answerer at an annual examination, if sufficient merit were shown. Under these rules the prize was paid in 1886, in part, and once only in full, in 1889. The Board, therefore, in 1891, on the recommendation of a meeting of Mathematical Examiners, altered the rules for its adjudication to the following:—

In 1893, and subsequent years, the Townsend Memorial Prize will be awarded to the Junior Freshman who shall obtain the highest aggregate of marks in Mathematics at the Michaelmas Prize Examination, and either the Hilary or the Trinity Honor Examinations.

If in any year sufficient merit be not shown, it shall be in the power of the Trustees, on the recommendation of the Examiners, to withhold the Prize, and to add the surplus thus accruing to the Principal Fund.

The value of the Prize is about £20.

CHARLES WILKINS MEMORIAL PRIZE.

A sum of £190 having been subscribed in 1879 by the fellow-students and friends of the late Charles James Wilkins to found a Prize as a Memorial of him, the Board of Trinity College, in consideration of receiving that amount, have liberally consented to grant annually a sum of Ten Pounds, which will be given as the "Charles Wilkins Memorial Prize" to the woman who answers best in the Mathematical part of the Examination for Junior and School Exhibitions, and at a Special Examination to be held in October.

The following is the Course for the Special Examination:—

Trigonometry, to the end of Solution of Plane Triangles.
Taylor's Geometry of Conics, Part I., Chaps. 1 to 4 (both inclusive).
Salmon's "Conic Sections," the Right Line and Circle (omitting methods of abridged notation).

PRIZES IN CLASSICS.

BISHOP BERKELEY'S GOLD MEDALS.

In the year 1752, May 8, the Provost and Senior Fellows agreed to give annually, for ever, two Gold Medals for the encouragement of Bachelors of Arts in the study of the Greek Language; having received a benefaction of one hundred and twenty guineas, besides a die, from the Right Rev. Dr. George Berkeley, Lord Bishop of Cloyne, and late Fellow of Trinity College, for that purpose.

These Medals were formerly given to such Middle Bachelors as had attended the Lectures of the Regius Professor of Greek, with remarkable diligence, for two Academic years, commencing with the Term in which they had graduated in Arts.

Subsequently, by a Resolution of the Board of June 11, 1846, these Medals were put under the following regulations, which did not, however, come into operation until 1848:—

1. That the two Berkeley Medals, equal in value and honor, be henceforth given at an Examination in the Greek Language and Literature, to be held annually, in Michaelmas Term, before the 20th of November.

2. All Students who have been admitted to the Degree of Bachelor of Arts may become candidates for the Berkeley Medals; such candidates are required to attend at least three-fourths of the Lectures given by the Professor of Greek in each Term.

Finally, by a Resolution of the Board, dated November 15, 1856, these Medals were put under the following regulations:—

1. The two Berkeley Medals, with a distinction in honour of first and second, shall henceforth be given to the best answerers at an Examination in the Greek Language and Literature, to be held annually in Hilary Term.

2. All Students, whether Graduates or Undergraduates, under M.A. standing, may become candidates for the Berkeley Medals.

3. No Student shall be allowed to be a candidate more than *three* times, nor to obtain the Medal more than once.

4. The books and subjects of the Examination are to be announced annually by the Regius Professor of Greek, in the University Calendar, subject to the approval of the Board.

5. The Examination shall be conducted by the Regius Professor of Greek, the Professor of Latin, and one Examiner nominated by the Board.

6. The candidates will be examined in Composition, in the manner of the author or authors who shall form on each occasion the subject of the Examination.

Subject for 1922.—Pindar.
Subject for 1923.—The Odyssey of Homer.

VICE-CHANCELLOR'S LATIN MEDALS.

On the 30th of January, 1869, it was resolved by the Provost and Senior Fellows to establish an annual Examination in Latin, similar to that held for the Berkeley Medals in Greek, and subject to the same Regulations. Two Gold Medals, called "The Vice-Chancellor's Latin Medals," are given to the successful Candidates.

The Examination is held annually in Michaelmas Term, on a day fixed at the end of the preceding Trinity Term, after due notice has been received.

Subject for 1921.—Sallust and the Historiae, Germania, and Agricola of Tacitus.

Subject for 1922.—Juvenal and Persius.

VICE-CHANCELLOR'S PRIZES.

In the year 1857 Resolutions, approved of by the Vice-Chancellor, were adopted by the Board, with reference to the Vice-Chancellor's Prizes, and were modified in 1906, so that they now are as follows:—

Resolved,—That for the existing Regulations respecting Vice-Chancellor's Prizes, the following Rules be substituted:—

That Vice-Chancellor's Prizes for Composition be offered in each year, viz., for the best Compositions on proposed subjects, in English Prose, English Verse, Greek or Latin Prose, and Greek or Latin Verse.

That the highest amount of any Prize be Twenty Pounds.

That Prizes of less amount, and more than one in each kind of Composition, may be awarded on the recommendation of the Examiners.

That these Prizes be open to all Students under the standing of M.A., having their names on the College Books.

That the Prizes in each of the above departments be not awarded to any Student oftener than twice in succession, or than three times during his College Course.

That the subjects for the above Compositions be announced, on or before the 1st of June, in each year; that the Compositions, with fictitious signatures, be sent in to the Senior Lecturer, on or before the 1st of December; and that the Prizes be declared on the 1st of January following.

That the Examiners be the Regius Professor of Greek, the Professor of Latin, and the Professor of English Literature.

Subjects for the Prizes to be awarded in January, 1922.

Greek or Latin Prose—"Ancient and Modern Democracies."

Greek or Latin Verse—"Sertorius."

The Subjects in English Prose and Verse will be found under the head "Prizes in English."

THE FERRAR MEMORIAL PRIZE.

AT a meeting of the subscribers to the Ferrar Memorial Fund, held in Trinity College, on Wednesday, the 11th of November, 1874, the Rev. George Salmon, D. D., Regius Professor of Divinity, in the Chair, it was resolved:—

1. That the entire Fund subscribed be invested in Bank of Ireland Stock, in the names of the Provost of Trinity College, the Rev. George Salmon, D.D., and William Ewart, Esq., J. P., as trustees for the purposes of the Fund.

2. That an annual Prize, payable out of the interest of the Fund, and depending on its amount, be founded in the University of Dublin, to be called "The Ferrar Memorial Prize."

3. That the Prize be awarded, subject to the restriction of sufficient absolute merit, to the best answerer at an Examination to be held in Trinity College, on a day or days of which due notice shall be given.

4. That the subject of Examination for the Prize be a course of Comparative Philology, to be fixed from time to time by the Board of Trinity College, and duly announced in the University Calendar for each year.

5. That the competition for the Prize be open to all under the standing of M.A.—not Fellows of the College, or Professors of the University—whose names shall be on the books of Trinity College during the day or days of Examination.

6. That successful competition for the Prize in any year shall preclude the successful candidate from competition for it again in any subsequent year.

The Fund invested produces annually about £22; but as the Examiners' Fees are paid out of the Fund, the annual value of the Prize is about £15.

The Examination for the Prize is held in Trinity Term. The Course for the Examination is—

Edmond's Comparative Philology.
Wright's Gothic Grammar, *or*, Pevey's Sanscrit Primer (pages 1–80), together with the special lectures of the Professor.

THE TYRRELL MEMORIAL PRIZE.

AT a meeting of the subscribers to a fund for establishing a Memorial in memory of the late W. G. Tyrrell, held on the 20th October, 1877, certain resolutions were unanimously agreed to, were

sanctioned by the Board on December 1, 1877, and slightly modified on December 8, 1900, so that they now are as follows:—

1. That the Prize be a Biennial Gold Medal, to be awarded for the best Translations of passages into the four kinds of Classical Composition.

2. That the passages for the Compositions be announced in November each alternate year: the Compositions, with fictitious signatures, to be sent to the Senior Lecturer on or before the 1st of February following.

3. That the Competition be open to all Students under the standing of M. A., having their name on the College Books.

4. That the Examiners be the Regius Professor of Greek and the Professor of Latin.

THE WILLIAM ROBERTS PRIZE.

On the 13th December, 1884, the sum of £200 was received from Mrs. William Roberts, to found a Prize in Classics, to be called the "William Roberts Prize." This Prize is awarded to the Student who, having passed the Final Freshman Examination, obtains the highest marks at the Classical Honor Examination of the Senior Freshmen in the Michaelmas Term. The Fund yields annually about £6.

MULLINS CLASSICAL EXHIBITION.

The late Inspector-General Mullins having bequeathed to the College a sum of £600, for the "foundation of an Exhibition, to be called the Mullins Classical Exhibition, in such Greek and Latin authors, and under such regulations as the Provost and Senior Fellows may from time to time determine," the Board adopted the following Resolutions in the year 1921:—

"The Exhibition is awarded in Michaelmas Term to the Junior Sophister student who shall have obtained the highest aggregate of marks in the nine Classical Honor and Prize Examinations of the three Academic years immediately preceding, provided that those students only shall be taken into account who have obtained Honors or Prizes at six at least of these Examinations, and that no award shall be made in any year unless in the opinion of the Board adequate merit has been shown.

"The Exhibition shall be tenable for one year, and payable in two instalments (December and June). At present the value of the Exhibition is about £30."

THE MARSHALL PORTER MEMORIAL PRIZE.

In November, 1900, £500 Great Northern Railway 4 per cent. Debenture Stock was presented by the Right Hon. A. M. Porter, Master of the Rolls in Ireland, and Mrs. Porter, for the purpose of founding a prize in memory of their son, Andrew Marshall Porter, B.A., elected Scholar of the House in 1895, and University Student in 1897, who died on the 5th June, of wounds received in action, on the 31st May, 1900, at Lindley, in South Africa, where he was serving as a volunteer.

The following conditions were suggested by the Donors, and agreed to by the Board, November 3, 1900:—

1. The income derived from the investment shall be awarded each year as a prize to the candidate for Classical Scholarship who, having failed to obtain a Scholarship, shall have obtained the highest marks of any unsuccessful candidate, subject always to the same conditions as to conduct as apply to the election of Scholars.

2. In case of equality of marks amongst two or more eligible candidates, preference shall be given to him who shall have obtained the higher marks in Classical Composition. If the eligible candidates shall be equal in Classical Composition, the prize shall be divided.

3. The Board shall have power to withhold the prize in case the Examiners certify that no candidate is of adequate merit. In such case the interest on the fund for the year shall be added to the capital.

The Prize is payable in October by the Bursar.

PRIZE IN MENTAL AND MORAL PHILOSOPHY.

THE WRAY PRIZE.

A SUM of £500 was given in 1848, by Mrs. Catherine Wray, widow of the late Rev. Henry Wray, D. D., Vice-Provost and Senior Fellow of Trinity College, to found a Prize for the encouragement of Metaphysical Studies among the Undergraduates of the University of Dublin.

Students in the Senior Sophister Class are alone admissible as Candidates. The Examination is held in Hilary Term, on a day arranged at the end of the preceding Michaelmas Term, after due notice has been received. The Course for Examination is as follows:—

1. The General History of Philosophy.

2. The following works:—

Descartes' *Meditations.*
Spinoza's *Ethics*, Books i and ii.
Hume's *Enquiry Concerning Human Understanding.*
Kant's *Kritik of the Pure Reason.*
Rogers' *Short History of Ethics.*

3. A special work to be chosen by the Honor Examiners and the Professor of Moral Philosophy, and submitted to the Council not later than May 25th in the year preceding the Examination.

Special work for 1922:—S. Alexander, "Space, Time, and Deity," Books i, iii, iv.

The value of the Prize is about £28.

PRIZES IN EXPERIMENTAL SCIENCE.

EKENHEAD SCHOLARSHIP.

A Scholarship, called "The Ekenhead Scholarship," tenable for three years, was founded in 1879 by Mrs. Mary Dummett, in memory of her brother, Thomas Ekenhead, Esq.

This Scholarship, which is open only to natives of the county of Antrim, will be awarded to the best answerer (provided that sufficient merit be shown) at an Examination in Elementary Physics and Chemistry, to be held in the Trinity Term of every third year. Candidates must have their names on the College Books, and must not have passed the Examination (Moderatorship or General) for the Degree of A.B. An Examination will be held in Trinity Term, 1923, the appointed subjects of Examination being as follows:—

Elementary Course in Physics.

Density and Heat.

Comparison of weights (balance).
Measurement of pressure (barometer, manometer, Marriott's tube).
Measurement of surface tensions of liquids (capillarity).
Diffusion of liquids and gases (dialysis, viscosity).
Measurement of densities (specific gravity balance, specific gravity bottle, hydrometers).
Thermometry (mercurial thermometers, Fahrenheit and Centigrade scales).
Expansion of solids, liquids, and gases (Roy and Ramsden's, Dulong and Petit's, and Regnault's experiments, compensating pendulums, maximum density of water, air thermometers).
Measurement of densities of gases and vapours (Regnault's and Guy Lussac's methods).
Measurement of specific heats (method of mixtures, Dulong and Petit's law).
Changes of state (liquefaction, evaporation, and boiling).
Measurement of tension of saturated vapours (Regnault's experiments).
Measurement of latent heat (ice calorimeters, Carrè's freezing machine).
Measurement of heat of combustion.
Determination of mechanical equivalent of heat (Joule's experiments).
Work done by a body expanding (indicator diagram, steam-engine).

Electricity.

Production of electric currents by chemical action (Wollaston's, Daniell's and Grove's cells).
Measurement of intensity of current (tangent galvanometer).
Laws of electrolysis (Faraday's experiments, voltameters, electrotyping).

Optics.

Laws of Reflexion and Refraction, experimentally considered; Prisms; Spectroscope; Lenses.

Chemistry.

Candidates are expected to give evidence of experimental knowledge in the following subjects:—

Modes of distinguishing physical and chemical change; Proofs of laws of constant composition; Definite and multiple proportions: Determination of equivalent and atomic weights; Distinctions of metals and non-metals; Characters and modes of preparation of chief non-metals, and of their acid and non-acid products; Composition of air, water, and coal-gas; The processes of combustion and of respiration in animals and plants; Detection of common acids and metals; Preparation and properties of the metals and their chief compounds; Spectra of the principal metals.

Candidates are also expected to perform simple chemical calculations.

The Ekenhead Scholarship is tenable for three years. The Fund produces annually about £32, and is payable half-yearly in February and October.

FITZGERALD MEMORIAL SCHOLARSHIP AND MEDAL.

On the death of George Francis FitzGerald, F.T.C.D., F.R.S., in the year 1901, a Committee was formed for the purpose of founding a FitzGerald Memorial, to take the form of a Scholarship for the encouragement of Research in Experimental Physics by Students of Trinity College. A sum amounting to over £1600 was collected, and was disposed of as indicated by the following resolutions, suggested by the Committee, and approved of by the Board on June 28, 1902:—

1. That the Fund be lodged in the names of the Provost of Trinity College, the Bursar, and the Erasmus Smith Professor of Experimental Philosophy; and that the management of the Fund be in the hands of the following Trustees, viz.: the Provost, the Bursar, Erasmus Smith's Professor of Experimental Philosophy, Prof. D. J. Cunningham, and Prof. John Joly.

2. That the Fund be in the first place applied to the foundation of a Scholarship for the encouragement of research in Physical Science by Students of Trinity College, Dublin, who have obtained the B.A. Degree of the University of Dublin, and who during the term of Scholarship are to carry out research in the Physical Laboratory of Trinity College, under the direction of the Erasmus Smith Professor of Experimental Philosophy, and to take part in the practical instruction of Students in the Physical Laboratory.

3. That this Scholarship be known as the "FitzGerald Memorial Scholarship."

4. That the FitzGerald Memorial Scholarship be awarded annually on sufficient merit being shown by the candidate in his experimental work done in the Physical Laboratory of Trinity College, and in the Physical portion of the Examination for Moderatorships in Experimental Science.

5. That the holder of the Scholarship be eligible for re-election under special circumstances, on the recommendation of the Trustees.

6. That secondly, a portion of the Fund be expended in founding a FitzGerald Medal, to be awarded to Students for research carried out in the Physical Laboratory of Trinity College, on the recommendation of the Trustees.

PRIZES IN HISTORY AND POLITICAL SCIENCE.

CLUFF MEMORIAL PRIZE.

THE friends of the late James Stanton Cluff, both in this country and in England, desiring to express, by some permanent Memorial, their admiration of his talents, and their esteem for his character, have collected by subscription a sum of about £400, which has been devoted to the foundation of Prizes in Trinity College, Dublin, and University College, London—institutions with both of which he was closely connected.

The sum of £200 was presented to Trinity College and accepted by the Board on December 24, 1870.

The Prize was, prior to the year 1888, awarded to the best answerer at a Special Examination on a portion of Mediæval or Modern History.

Since 1888, by a Resolution of the Board and Council of June 2, and May 9, 1888, the Prize has been annually awarded to the best answerer at the Examination for Prizes in Modern History, held in the Michaelmas Term of the Junior Sophister Year. The Fund produces annually about £10.

THE BLAKE NATIONAL HISTORY SCHOLARSHIP.

IN the year 1884, the sum of £2700 was bequeathed by Miss Helen Blake, for the purpose of establishing a Scholarship, to be called "The Blake National History Scholarship." The following Regulations in reference to this Scholarship have been adopted:—

1. An election of a Scholar on the above foundation shall be held every fourth year, and the Scholar so elected shall hold the appointment for four years.

2. The interest of £2700, the Fund handed over by the Lords of the Treasury to Trinity College, shall be paid annually to the Scholar so elected. This Fund, and the accumulated savings, have been invested in the purchase of £2300 four per cent. Debenture Stock of the Great Southern and Western Railway Company of Ireland, and in £95 0*s*. 11*d*. Bank of Ireland Stock: and about £92 is paid annually to the elected Scholar.

3. The Scholarship shall be awarded to the author of the best unpublished Essay on the History of Ireland, or such portions thereof, or cognate subject bearing thereon, or event, or series of events, connected herewith, as the Provost and Senior Fellows of Trinity College shall decide.

4. The subject for the Essay, within the limits aforesaid, for which the Scholarship shall be awarded, shall be announced publicly three years before the election.

5. The Electors shall be the Provost and Senior Fellows, who shall from time to time make and publish the arrangements for the Election of these Scholars.

6. If the Provost and Senior Fellows shall decide that no Essay sent in is worthy of a Scholarship, no election shall take place on that occasion. And in this case the accruing interest shall be invested by the Provost and Senior Fellows to form a fund to be appropriated to the purposes hereinafter mentioned.

7. They may give a reward or rewards to unsuccessful Candidates, or apply a portion of the fund specified in No. 6 to defray the expenses of publication of Essays which may possess sufficient merit.

8. The Candidates for the Scholarship shall be resident Students of Trinity College, Dublin—the word Student being interpreted to include Members of Trinity College, under the Collegiate standing of Masters of Arts.

9. The first election shall take place early in the year 1888.

10. Scholars so elected may retain their Scholarships after taking the M.A. degree, but they must reside in Trinity College, or its vicinity, under the penalty of forfeiting their Scholarships. And in case of such Scholarship being forfeited or ceasing to be tenable (otherwise than by the effluxion of time), the Provost and Senior Fellows may appropriate so much of the income of the fund as would otherwise be applicable to such Scholarship to the fund specified in No. 6 of these Regulations.

11. The subject for the Essay to which the Scholarship will be awarded in 1924 is :—The Dissolution of the Irish Monasteries under Henry VIII. Candidates should trace briefly the history of the separate monasteries existing at that time, and add any points of interest bearing on the after-history of the dissolved houses up to 1603, but the major portion of their work should be devoted to the possessions of the monastic houses and the circumstances of their dissolution. The attention of Candidates is particularly drawn to the mass of contemporary State Inquisitions into monastic property which are deposited in the Public Record Office, Dublin, and which should form the basis of their inquiries. Candidates are requested to obeserve that it is not a mere dissertation on a period that is required, but a narrative of facts. This narrative must be derived throughout from original sources, and every portion of it must be supported by reference to printed or manuscript documents. Candidates are invited to discuss the value of the authorities they use.

The Essays are to be sent in on or before November 1st in the year of election.

DUNBAR INGRAM MEMORIAL PRIZE.

On December 2, 1896, J. K. Ingram, LL.D., Senior Fellow of Trinity College, gave a sum of £250 for the foundation of a Prize in Modern History, in memory of his son, T. Dunbar Ingram, and it was resolved—

"That a Prize be founded to be called the Dunbar Ingram Memorial Prize: that it be annually awarded to the student who, having passed the Final Freshman Examination, shall obtain the highest sum of marks at the Honor Examination in Modern History held in the Michaelmas Term of the Senior Freshman year : that Candidates at

that examination, who desire to compete for this Prize, shall be allowed to increase their sum of marks by answering in a special course on some historical period, changeable from time to time."

The sum invested produces annually about £7.

The Special Course at present is :—

IRELAND UNDER THE NORMANS, 1169–1216.

Expugnatio Hibernica of Giraldus Cambrensis (Rolls Series).
Orpen : *Ireland under the Normans*, 2 vols.

PRIZES IN POLITICAL ECONOMY.

In the year 1837, the Provost and Senior Fellows resolved to institute an Annual Examination in Political Economy, and to offer Prizes, one of £10, and a second of £5, for proficiency in that science.

The Examination is held in Trinity Term ; it is conducted under the direction of the Professor of Political Economy, partly *viva voce*, and partly by written questions.

These Prizes are open to all students under M.A. standing.

No Candidate who has once been awarded either of the Prizes can obtain a Premium a second time.

The Course consists of two parts, viz. :—

I. *General Course* (60 marks).

Candidates will be examined in—

(i) Economic Theory and History of Theories.
(ii) Economic History.
(iii) The Elements of Statistics.

II. *Special Course* (40 marks).

A special subject, variable from year to year, will be prescribed.

Special Subject for 1922.

"War and Economics."

In addition to the Lectures of the Professor of Political Economy, the following may be used for study :—

F. W. Hirst, "Political Economy of War."
"Readings in the Economics of War" (Chicago University Press).
E. V. Robinson, "War and Economics."

WHATELY MEMORIAL PRIZE IN POLITICAL ECONOMY.

On the 13th of May, 1871, a communication was received by the Board of Trinity College, from the Committee of the Whately Memorial Fund, stating that, after defraying the expenses connected with the administration of the Fund, and the erection of a monument to the late Archbishop Whately, in St. Patrick's Cathedral, Dublin, there remained a sum of £411 17*s.* 1*d.*, New Three per Cents., and a small sum in cash. After paying the premium in 1872, there remained a sum of £364 19*s.* 6*d.*, New Three per Cents., to the credit of the Fund. The entire Fund is now invested in £102 3*s.* 6*d.* Bank of Ireland Stock, and produces annually about £12. The following proposal, relative to the Whately Prize, was adopted by the Board, June 21, 1886:—

The Prize will in future be awarded to the author of the best essay on a specified economic subject, which conforms to the conditions hereinafter stated.

Graduates of any chartered University in the United Kingdom will be eligible as candidates.

All essays, with fictitious signatures attached, are to be sent to the Senior Lecturer on or before the last day of September in the year in which the Prize is to be awarded. The subject will be announced at least one year previous to the date fixed for sending in the essays.

Subject for 1922.

"Capitalism and Speculation in the Modern World."

PRIZES IN ANCIENT HISTORY AND CLASSICAL ARCHÆOLOGY.

The Bursar is authorized to pay £5 each Michaelmas Term beginning in 1918, to be distributed in book prizes among the Students obtaining the highest totals of marks on the results of the three Class Examinations to be held in January, April, and October respectively on the work of the previous Terms in Ancient History and Classical Archæology.

PRIZES IN ENGLISH.

VICE-CHANCELLOR'S PRIZES IN ENGLISH.

The rules with respect to the Vice-Chancellor's Prizes in English Prose and English Verse have been given already under "Vice-Chancellor's Prizes."

Subjects for the Prizes to be awarded in January, 1922.

English Prose—"Moral Improvement as the poet's proper aim: the doctrine historically considered."
English Verse—"St. Columba."

PRIZE IN OLD AND MIDDLE ENGLISH.

In Trinity Term, 1906, the Board established an annual Prize of £10 10*s*. to encourage the study of Old and Middle English.

The following Course has been approved:—

Sweet: Anglo-Saxon Reader (last edition).
Beowulf: (ed. Wyatt, Cambridge University Press).
Morris and Skeat: Specimens of Early English, Part I. Introduction and extracts, 6, 9, 13, 19, 20; Part II. Introduction and extracts, 9, 10, 16.
Sievers: Grammar of Old English, ed. Cook.
Wyld: Historical Study of the Mother Tongue. London: John Murray, 1906.
Cambridge History of English Literature, vol. I.

Unseen passages for translation may be set at the discretion of the examiners.

DOCTOR HENRY HUTCHINSON STEWART LITERARY AND MEDICAL SCHOLARSHIPS.

Extract from a Scheme pursuant to a Decree of His Honor the Master of the Rolls, bearing date the 11th day of July, 1882, and the Rulings of the 21st day of March and 23rd day of April, 1883, for the distribution of the Residuary Estate of the late Henry Hutchinson Stewart, of Eccles-street, in the City of Dublin.

1. "The moiety of such clear annual income [as shall arise from the real and personal estate bequeathed by the late Doctor Henry Hutchinson Stewart], when paid to the Bursar of Trinity College, Dublin, shall be applied in the maintenance of so many Medical and Literary Scholarships as the said moiety, with the accretions thereto, shall from time to time afford, in the proportion of one Literary Scholarship, and two Medical Scholarships, or as near thereto as the circumstances of the case will admit; the number of such Scholarships available for the year to be prescribed by the Provost and Senior Fellows of Trinity College at the commencement of each Academical year. And one-third of the sum received by the Bursar to be appropriated in each year to the endowment of such Literary Scholarships, and the remaining two-thirds of the said sum to endowment of Medical Scholarships, the said Scholars to be chosen for proficiency in the respective subjects hereinafter mentioned: and in

case the said moiety shall in any one year exceed the amount required for the maintenance of the said Scholarships, or in case the prescribed number of Scholarships shall not for any reason be filled up, the surplus income shall, at the discretion of the Provost and Senior Fellows, be either in the whole or in part reserved as a fund for granting of prizes to unsuccessful competitors for the Medical Scholarships hereby founded in the said College, or be accumulated until, with previous accretions, it shall be sufficient to afford an income for the maintenance of one or more additional Scholarships, such Scholarships to be maintained as Medical and Literary Scholarships in the same proportion as the original Scholarships.

2. "One Medical Scholarship at least shall be awarded for proficiency, to be ascertained by competitive examination, in the subject of the treatment of Mental Diseases, according to a course to be prescribed by the Provost and Senior Fellows of Trinity College; and the remaining Medical Scholarship or Scholarships shall be awarded for proficiency to be ascertained by competitive examination in some or all of the following subjects—that is to say, Anatomy, Physiology, Chemistry, Physics, Botany, Materia Medica, or other cognate subjects, according to a course to be from time to time prescribed by the Provost and Senior Fellows of Trinity College; and all such Scholarships and Prizes shall be designated by the name of 'The Doctor Henry Hutchinson Stewart Medical Scholarships and Prizes;' and the Provost and Senior Fellows shall apportion the sum applicable to the endowment of Medical Scholarships in each year in such proportions as they shall consider advisable between the Medical Scholarships of each class.

3. "Each Medical Scholar elected for proficiency in the subject of the treatment of Mental Diseases shall, as the condition of retaining such Scholarship, be bound within six months from his election to such Scholarship to proceed to some recognized institution for the treatment of Mental Diseases, to be approved of by the Board of Trinity College, and there continue as either a resident or out-door pupil for such period, not less than six months, and under such conditions, as the Provost and Senior Fellows shall by a general regulation prescribe: and on failure to observe such condition, the said Scholarship shall in the discretion of the said Provost and Senior Fellows be liable to be declared vacant.

4. "The Literary Scholarship or Scholarships shall be awarded to the Student or Students who shall be certified by the Senior Lecturer to have obtained the highest aggregate of marks at the five several Honor Examinations in Modern Literature held in the Junior Freshman and Senior Freshman and Junior Sophister years, and all such Scholarships shall be respectively designated by the name of 'The Doctor Henry Hutchinson Stewart Literary Scholarships and Prizes.'

5. "No student shall compete for a Medical Scholarship other than the Scholarship for proficiency in the treatment of Mental Diseases, after the completion of his second year as a Medical Student in Trinity College, Dublin: and no person shall compete for a Scholarship to be awarded for proficiency in the treatment of Mental Diseases, but within two years after he shall have graduated as a Bachelor of Medicine.

6. "No person shall compete for a Medical Scholarship who is already the holder of a Medical Scholarship either in Trinity College or the Royal University; and no person shall be admitted to compete a second time for a Medical Scholarship.

7. "Each Scholarship, whether Medical or Literary, shall be held for the term of three years; and it shall not be incumbent on the Board of Trinity College to fill the vacancies available in any one year, if in their opinion the answering has not been such as to merit it."

Clause 5 has been amended pursuant to an order of the Master of the Rolls, dated the 20th of November, 1899, so that it now reads as follows:—

Subject as hereinafter provided, no student shall compete for a Medical Scholarship in Anatomy and Institutes of Medicine after the completion of his second or third year (at the discretion of the Board of Trinity College, Dublin) as a Medical Student in Trinity College, Dublin: and no student shall compete for a Medical Scholarship in any other subject (other than the Scholarship for proficiency in the Treatment of Mental Diseases) after the completion of his second year as such Medical Student as aforesaid; and no person shall compete for a Scholarship to be awarded for proficiency in the Treatment of Mental Diseases but within two years after he shall have graduated as a Bachelor of Medicine: Provided always that students who enter the Medical School in Trinity College, Dublin, in a Summer Session, shall be allowed to compete for a Medical Scholarship in Anatomy and Institutes of Medicine at the end of their third or fourth Summer Session (at the discretion of the aforesaid Board of Trinity College, Dublin) if they have not taken out a course of Practical Histology or Dissections in their first Summer Session.

In Michaelmas Term, the Senior Lecturer will add to the marks obtained by the Candidate at the three Examinations in Modern Literature of the Junior Sophister Year those obtained by him at the two Examinations in English, French, or German Literature held in the Michaelmas Terms of the Freshman Years. If he has been awarded Prizes in more than one of these subjects in either of the Michaelmas Terms of the Freshman Years, that in which he obtained the highest marks will alone be taken into account in awarding the Dr. Henry Hutchinson Stewart Scholarship. The Junior Sophister who shall have obtained the highest aggregate of marks so made up, shall receive £20 a year during three years, provided his answering be deemed sufficient. The Scholarship is paid quarterly by the Bursar.

For the Regulations respecting the Dr. Henry Hutchinson Stewart Medical Scholarships see under the head "School of Physic, Prizes."

RICHARD F. LITTLEDALE PRIZE.

On January 18, 1892, Mr. Harold Littledale and other relatives and friends of the late Rev. Richard F. Littledale, D.D., contributed a sum of £228 14*s.* 6*d.* for the founding of a Prize in English Literature in commemoration of him, and it was decided that the Prize should be awarded annually to the student who, having passed the Final Freshman Examination, shall obtain the highest marks at the Michaelmas Senior Freshman Prize Examination in English Literature.

The sum invested produces annually about £7.

PRIZES IN ORIENTAL LANGUAGES.

HEBREW, CHALDEE, AND SYRIAC PRIZES.

Prizes to Graduates for the encouragement of the study of Hebrew were first instituted by a decree of the Board, dated February 22, 1794, and a fund set apart for the purpose. In the year 1800, this fund was considerably augmented by the munificence of Primate Newcombe, and the grant was continued by his successors in the See of Armagh, until the year 1871, when it was withdrawn, in consequence of the disendowment of the Church of Ireland.

In the year 1874, it was decreed by the Board that a sum not exceeding £40 should be given annually for Prizes in Hebrew, Chaldee, and Syriac.

All Students are now permitted to attend Hebrew Lectures, and the Professor is authorized to give a Certificate for one year's attendance. An Annual Examination is appointed to be held, at the end of each year, in Trinity Term, and Hebrew Premiums are awarded to the best answerers at this Examination, provided they have attended the three antecedent Terms of Lectures. For the subjects and regulations of this Examination, see "Divinity School," § v.

PRIZES IN ARABIC, PERSIAN, AND HINDUSTANI.

In Michaelmas Term, 1856, the Provost and Senior Fellows founded an annual Prize of £10 for proficiency in Arabic. An Examination is held annually in Trinity Term, of Students wishing to compete for the above Prize. No Student is admitted to this Examination unless he has studied under the Professor of Arabic for at least three Terms.

In 1872 an annual Prize of £5 was founded, to be given, under similar conditions, for proficiency in Hindustani or Persian.

In 1908 the Board agreed to give both an annual Prize of £5 in Hindustani, and another of equal value in Persian, subject to similar conditions.

The Prizes are not to be awarded unless sufficient merit is shown.

PRIZE IN SANSKRIT.

In Michaelmas Term, 1856, the Provost and Senior Fellows founded an annual Prize of £5, which they increased in 1885 to £10, to be given for proficiency in Sanskrit, under conditions similar to those which hold good in reference to the Prize in Arabic.

PRIZES IN LANGUAGES.

PRIZES IN IRISH.

For the encouragement of the study of the Irish Language, in 1842 the Board resolved to place annually the sum of £20 at the disposal of the Professor of Irish, to be given in Premiums to such Students as shall distinguish themselves in the Irish Language. The Examination is held in Trinity Term, on a day arranged at the end of the preceding Hilary Term, after due notice has been received.

The following Courses have been appointed :—

Junior Class—

1. Elements of Irish Grammar.
2. Irish Composition.
3. Irish Texts, for translation into English : P. O'Leary, *Séadna*, pp. 1 to 53.

Middle Class—

1. Irish Grammar.
   Irish Composition.
   Irish Text, for translation into English :
   Bruidhean Chaorthainn, ed. Pearse.
   Eachtra Thaidg mhic Céin, by An Seabhac.

Senior Class—

1. A thorough knowledge of Irish Grammar.
2. Irish Composition.
3. Irish Texts, for translation into English :—
   Oidhe Cloinne Uisnigh.
   Sgéalaigheacht Chéitinn (Bergin).
   Geoffrey Keating's Poems, ed. M'Erlean, i to xi, inclusive.

FERGUSON MEMORIAL PRIZE.

On the 31st of May, 1907, a sum of £240, raised by public subscription, was made over to the Board of Trinity College, for the purpose of founding a Prize in Celtic Literature, as a memorial of Sir Samuel and Lady Ferguson.

The sum received was invested in Bank of Ireland Stock, in the name of the Provost, Fellows, and Scholars, and of the Librarian of Trinity College, and produces annually about £7 10*s*.

The Board of Trinity College have adopted the following regulations :—

1. The Prize shall be known as the Ferguson Memorial Prize.

2. It shall be awarded for the best Edition of a text in Old or Middle Irish, hitherto unpublished, and relating to any part of the history or literature of Ireland prior to the year 1200 A.D. The Edition shall include a translation, textual criticism, explanatory commentary, and a glossary, and shall be completely prepared as if for publication. The Prize shall not be awarded unless the text selected be deemed by the Examiner to be of adequate length and interest, and unless a sufficient standard of merit be attained.

3. The Prize shall be open to all undergraduates and to graduates under the standing of M.A. It shall be offered for competition *every third year* beginning with the year 1910, and the exercises submitted must be sent to the Senior Lecturer not later than March 17. If on any occasion the Prize is not awarded, the interest of the Fund shall be added to the capital.

4. The value of the Prize shall be £20. The fees of the Examiners shall be paid out of the Fund. Any unexpended balance of interest shall be added to the capital.

PRIZES IN OLD FRENCH AND PROVENÇAL.

In Trinity Term, 1908, the Board agreed to institute an annual Prize of £5 in Old French and Provençal, to be awarded on the result of an Annual Examination held in Trinity Term, and open to all Students up to Trinity Term after Degree. The Examiner may, at his discretion, divide the £5 into £3 and £2.

The following Course has been appointed:—

I. Extraits de la Chanson de Roland (Hachette).
Aucassin et Nicolette (Manchester).
Le Mystère d'Adam (Manchester).
Gautier d'Aupais (Champion).

II. (*a*) Mistral: Mirèio, Cantos i to iv, inclusive.
Memòrie Raconte, chapters x to end.
Aubanel: Lou Pan dóu Pecat.
Estieu: Lo Romancero occitan.
Perbosc: Guilhem de Toloza.
A. Roviri i Virgili: Lletres Catalanes, parts i and ii.
Folguera: Las noves Valors de la Poesia catalana.

(*b*) Peire Vidal: Poésies (Champion).
Bertran de Marseille: Vie de Sainte Énémie (Champion).
A. Roviri i Virgili: as above, part iii.

III. The elements of the comparative philology of French and Provençal (including Catalan) and of the dialects of Old French and of Provençal, old and modern. [For particulars, apply to the Professor.]

THE DOMPIERRE-CHAUFEPIÉ PRIZE.

In Trinity Term, 1912, Mr. Gerard Alston Exham, M.A., F.T.C.D., presented £150 Mexican Railway 1st Preference Stock, to found a prize of about £12 annually, for the encouragement of the practical knowledge of French, to be called "The Dompierre-Chaufepié Prize," in memory of a very great friend, Eugénie de Dompierre de Chaufpié, of the Hague, Holland, who died recently.

The following regulations were suggested by Mr. Exham and approved of by the Board:—

(1) That the prize be given in the Trinity Term of each year, beginning in 1913, in connexion with the Senior Freshman Honor Examination in French, only the Essay and a special *viva voce* examination (to test the practical knowledge of French) to be taken into account.

(2) That Candidates must have attended (any) three Terms of Honor Lectures in French previous to the examination, and must be recommended by the Honor Lecturer.

(3) That the regulations may be altered on giving one year's notice.

MISCELLANEOUS PRIZES.

ALICE OLDHAM MEMORIAL PRIZE.

THE friends of the late Alice Oldham, desiring to record their appreciation of her work for the advancement of the higher education of women, subscribed a sum of money which it was decided to devote to the founding of a Prize in the University of Dublin.

The Prize is to be awarded to the woman Student who, having attended Alexandra College as a Student for at least one Session, shall in the opinion of the Board of Trinity College be the most distinguished of the Women Students at the Prize Examinations in the Michaelmas Term of the Junior Sophister year.

The money subscribed is to be invested in securities authorized by the Trustees Acts; the interest, to a sum not exceeding £10, is to form the Prize, which is to be awarded biennially from 1910: interest in excess is to be added to capital, with the view of so increasing the capital that the Prize may eventually be awarded annually.

The Provost and Lady Registrar of Trinity College and the Lady Principal of Alexandra College are the Trustees for the administration of the fund.

THE MINCHIN PRIZE.

IN Trinity Term, 1921, Mrs. Minchin presented £200 to the Board to found a Prize in memory of her late husband, George Minchin Minchin, M.A., F.R.S., and expressed her wishes as to the manner in which the Prize should be awarded.

The Board made the following arrangements:—

The Minchin Prizeman shall be nominated to the Board by a Committee consisting of the Senior Lecturer, the Senior Dean, the Junior Dean, Erasmus Smith's Professor of Mathematics, and Erasmus Smith's Professor of Natural and Experimental Philosophy, in June, from among the outgoing Senior Freshman Class, regard being had to character and general academic attainments, as well as to scientific proficiency.

Exhibitions and Special Prizes awarded at Entrance.

JUNIOR AND SENIOR EXHIBITIONS.

In Trinity Term, 1870, it was resolved by the Board that, in pursuance of the Decree of the Board and Visitors, dated March 19, 1870, certain Exhibitions should be established in the College, subject to such changes as the Provost and Senior Fellows might from time to time ordain. The number of these Exhibitions was increased in Trinity Term, 1875, and in Michaelmas Term, 1904.

On March 8, 1913, the Board discontinued the twelve Exhibitions hitherto awarded on the results of the Intermediate Examination, and on June 7, 1913, resolved, that Exhibitions shall in future be distributed by the Board at their discretion when the results of the Senior and Junior Exhibition Examinations are laid before them.

I.—JUNIOR EXHIBITIONS AWARDED AT ENTRANCE.

1. Sixteen Exhibitions, twelve of £20, and four of £15 a year, tenable for two years, are awarded in each year to Students in the rising Junior Freshman Class, who have entered within the year, provided sufficient merit be shown by the Candidates.

This rule has been modified by the following resolutions:—

I.—"That the Junior Exhibition Examination be open, not only to all Students in the rising Junior Freshman Class, but also to Candidates whose names are not on the College Books, who shall conform to the regulations as to age and to character already in force, and who shall pay a fee of £1 seven days before the commencement of the Examination.

II.—"The latter class of Candidates will not be elected to Exhibitions unless the Senior Lecturer be satisfied that they have qualified at this Examination in each of the subjects required at an Entrance Examination. Such Candidates are permitted to place their names on the College Books by payment of the excess of the Entrance fee over the above fee of £1 within one week of the declaration of the result, after which the usual Tardy Payment charge commences. If a Candidate is elected to an Exhibition, the Bursar will, at the request of his Tutor, place the December payment of his Exhibition to the credit of the Candidate with the Junior Bursar, as part payment of the Entrance fee."

2. These Exhibitions are called the Junior Exhibitions.

3. The Examinations are held annually, in Michaelmas Term, on days notified in the University Calendar.

4. No Student is allowed to be a Candidate who shall have completed his nineteenth year before the 1st of June immediately preceding the commencement of the Examination.

5. All Students intending to compete for these Exhibitions must forward their names, and a certified copy of their baptismal registry, or other satisfactory evidence of age, to the Senior Lecturer, at least three days before the commencement of the Examination.

6. No Student holding a Supplemented Erasmus Smith Exhibition, is entitled to hold one of these Exhibitions.

7. An Exhibitioner losing his class in College, or not keeping his name on the College Books, forfeits his Exhibition.

8. At the end of the Michaelmas Term Examinations each year, the Senior Lecturer reports to the Board the names of any of the Junior Exhibitioners elected in the previous year who do not appear to have made satisfactory progress in the Junior Freshman year; and the Board then considers whether they will continue the Exhibition for the second year.

9. Any grave violation of College discipline subjects the holder of an Exhibition to forfeiture.

10. The Examination lasts four days (five if Experimental Science is taken), beginning at 9.30 o'clock, A.M., and is in the following Courses:—

Classics (400 marks).	Marks.
Latin Composition and Unprescribed Passages,	170
Greek Composition and Unprescribed Passages,	170
Viva voce (Latin),	30
Viva voce (Greek),	30
Ancient History (60 marks).	
English (180 marks).	
An English Essay,	100
English Literature, *Or*, English History and Modern Geography,	80
French or *German* (180 marks).	
Science (340 marks).	
Arithmetic,	60
Algebra,	90
Geometry,	60
Viva voce on the propositions of Euclid,	40
Plane Trigonometry,	90
Experimental Science (150 marks).	

Each candidate shall bring up one* Greek, and one* Latin book of his own selection for *viva voce* Examination. He must send the Senior Lecturer notice of his selection at least one week before the Examination.

The Course in Algebra and Trigonometry is:—

Algebra, Up to, and including, Surds, Quadratic Equations, and questions involving two unknown quantities.

Trigonometry, To the end of Solution of Plane Triangles.

The Course in English consists of:—

1. Trench, English Past and Present.
2. A. Hamilton-Thompson's History of English Literature (Murray), Chaps. VI., VII., VIII., § 1 and § 2, XI., XII., XV., XVII., XIX., omitting Notes and Illustrations, with corresponding portions of Smith's Specimens of English Literature (from "Short Specimens," also published as "Smaller Specimens").
3. Milton, Paradise Lost, Book I.
4. Shakspere, Merchant of Venice.
5. English Composition.
6. History of England (Green's Short History of the English People).
7. Outlines of general Geography, with a detailed knowledge of the British Empire: Physical Geography; J. W. Gregory, "Geography, Structural, Physical and Comparative," parts 1, 2, 3.

The Course in Experimental Science is:—

Physics.—Measurement of length, area, volume, density, weight, pressure, and time.

Elementary phenomena of Heat, Light, and Sound. (One hour and a half.)

Chemistry.—Physical and Chemical change. First laws of Chemistry. Elements and compounds. Mechanical mixtures and Chemical compounds. The properties of the typical elements. Hydrogen, Oxygen, Nitrogen, and Carbon. The Elementary Chemistry of the atmosphere. (One hour and a half.)

[These Papers may either be set during the *Viva Voce* days, or on a subsequent morning.]

The Certificate of a year's work in an approved Laboratory will be required.

11. The Exhibitions are paid half-yearly, through the Tutors of the respective Students—the first payment is made at the close of the December quarter next following the day of election.

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* As regards the definition of one book, the Senior Lecturer will accept an amount of any *classical* author equivalent, in Greek, to one book of Thucydides, or two books of Xenophon, or a Greek play, or three books of Homer: and, in Latin, to a book of Livy or two books of Cæsar, or a speech of Cicero's not shorter than the *pro Milone*, or two books of Virgil.

II.—SENIOR EXHIBITIONS AWARDED AT THE CLOSE OF THE SECOND YEAR.

1. Sixteen Exhibitions, twelve of £20, and four of £15 a year, tenable for two years, are awarded, in each year, to Students who have passed the Final Freshman Examination held at the end of the Trinity Term of the Senior Freshman year.

2. These Exhibitions are called the Senior Exhibitions.

3. All Senior Freshmen intending to compete for these Exhibitions must forward their names to the Senior Lecturer, at least one week before the first day of the Final Freshman Examination.

Any Student failing to forward his name to the Senior Lecturer in accordance with this rule, will be required to pay a fee of £1 before his name can be placed on the list of candidates.

4. After the close of the Prize Examinations in Michaelmas Term, the Senior Lecturer adds to the total of the marks obtained by any Candidate for Senior Exhibitions at the Final Freshman Examination, held at the end of Trinity Term—

Fifty per cent. of the sum of the marks above a certain minimum (which is fixed for each subject) obtained at the Prize Examinations in Michaelmas Term, and the Honor Examinations (if any) in either Hilary or Trinity Term, by each student in Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, and Old and Middle Irish; and thirty-five per cent. of the sum of the marks above this minimum in each case obtained at the Prize Examinations in Michaelmas Term, and the Honor Examinations in either Hilary or Trinity Term, by the student in English Literature, French, and German.

The minima are fixed as follows:—Mathematics, 15 per cent.; Classics, 25 per cent.; Logic, 40 per cent.; History, 40 per cent.; Experimental Science, 30 per cent; Natural Science, 35 per cent.; Celtic Languages, 40 per cent.; English Literature, 40 per cent.; French, 40 per cent.; German, 40 per cent.; Italian, 40 per cent.; Spanish, 40 per cent.

In the case of a Student obtaining Honors in the same department at both the Hilary and Trinity Examinations, the highest marks are taken into account.

5. The list of marks thus made up is submitted to the Board by the Senior Lecturer, with the names arranged in order of merit; and the Board elects the sixteen most deserving Candidates as Senior Exhibitioners, provided sufficient merit has been shown.

6. A Student who has dropped a class since his entrance is ineligible.

7. An Exhibitioner losing his class in College, or not keeping his name on the College Books, forfeits his Exhibition.

8. Any grave violation of College discipline subjects the holder of an Exhibition to forfeiture.

9. The Exhibitions are paid half-yearly, through the Tutors of the respective Students—the first payment is made at the close of the December quarter next following the day of election.

10. All Scholars and Students holding at the time of election a Supplemented Erasmus Smith Exhibition or a Kidd Scholarship are excluded from this competition.

ERASMUS SMITH EXHIBITIONS.

By an Act of the Parliament of Ireland (10 Geo. I., c. 1, *Private*) it was provided that twenty yearly Exhibitions of £8, of the late Irish currency (being equal to £7 7*s.* 8*d.* of the present currency), and fifteen several Exhibitions of £6 a year, Irish (being equal to £5 10*s.* 9*d.*, present currency), shall from time to time, and at all times thereafter, be paid and payable out of the rents and profits of the lands of the Governors, to the like number of Poor Scholars, Members or Students of Trinity College, respectively, until they shall be otherwise provided for, removed, or take the Degree of Master of Arts in College, or be of standing to take such Master of Arts Degree. There is also a reduction of £5 (sterling) a year in the rent of Chambers held by Exhibitioners; an Exhibitioner, who is also a Scholar, can obtain a reduction *either* as a Scholar *or* as an Exhibitioner, but not as both.

The following Rules are now in force. Information to be obtained at 40, Harcourt-street, Dublin.

1. That, for the benefit of the three Grammar Schools of the foundation of Erasmus Smith, at Drogheda, Galway, and Tipperary, and the pupils thereof, and for the encouragement of learning therein, ten of the said Exhibitions of £7 7*s.* 8*d.* shall be appropriated to the said three schools, and that five of these shall be increased or supplemented each year by an additional grant of £32 12*s.* 4*d.* to the sum of £40, and that five others of them shall be increased or supplemented by an additional grant of £17 12*s.* 4*d.* to the sum of £25, such supplemental sums or grants to be held subject to the regulations hereafter mentioned, and that the said several supplemental grants shall be known and distinguished as "Erasmus Smith's Grammar Schools' Supplemented Exhibitions.'

2. That the said Erasmus Smith's Grammar Schools' Supplemented Exhibitions shall not be attached to any of the said three Grammar Schools in particular, but shall be open for competition equally to the pupils of all these schools, subject as hereinafter provided.

3. That one such Supplemented Exhibition of £32 12*s.* 4*d.*, and one such of £17 12*s.* 4*d.*, shall be offered for competition in each year to pupils of the said three Grammar Schools.

4. That the said Grammar Schools' Supplemented Exhibitions shall be open for competition only to such students of Trinity College, Dublin, as shall have been continuously for at least three years in all previous to their College entrance, pupils in some one or more of the said three Grammar Schools.

5. That no pupil of any of said Grammar Schools shall be qualified to compete for a Supplemented Exhibition who shall not have continued as a pupil at one of the said three Grammar Schools, if a Pensioner, until the October Entrance Examination in Trinity College, or if a Sizar, until the Sizarship Examination in Trinity College, immediately preceding in each case the Competitive Examination at which he may present himself.

6. That for the benefit of the Governors' High School in Harcourt-street, Dublin, and the pupils thereof, four of the said Statutory Exhibitions of £7 7*s*. 8*d*. each, shall be appropriated to the said High School, and shall be increased or supplemented each year by an additional grant of £17 12*s*. 4*d*. to the sum of £25, to be held subject to the regulations hereinafter mentioned, and shall be open for competition to pupils of the said High School only; and that the supplemental grants hereinbefore provided for the said High School shall be known and distinguished as "Erasmus Smith High School Supplemented Exhibitions."

7. That one such Supplemented Exhibition of £17 12*s*. 4*d*. shall be offered for competition in each year to pupils of the said High School.

8. That the said High School Supplemented Exhibitions shall be open for competition only to such students of Trinity College, Dublin, as shall have been continuously for at least three years previous to their College Entrance pupils in the said High School.

9. That no pupil of the said High School shall be qualified to compete for a Supplemented Exhibition who shall not have continued as a pupil thereat, if a Pensioner, until the October Entrance Examination, or if a Sizar, until the Sizarship Examination in Trinity College, Dublin, immediately preceding in each case the Competitive Examination at which he may present himself.

10. That the said supplemented grants for the said High School Exhibitions shall continue to be provided out of the income of the High School, so far as same will extend, and any deficiency shall be made good out of the general funds of the Governors.

11. That no student at any of the said Schools shall be qualified to receive any Supplemented Exhibition who shall at the time of such competitive examination have attained the age of twenty years.

12. That no Fellow Commoner shall be qualified to compete for any Supplemented Exhibition.

13. That the Provost and Senior Fellows of Trinity College, Dublin, be requested to continue to appoint examiners as heretofore, who shall on some convenient day in each year hold a competitive examination of such students as shall present themselves, and shall have entered from the three Grammar Schools of Erasmus Smith's foundation, or the said High School; and the course of learning forming the subject of such

examination shall be that which is or shall be provided or authorized by the rules and regulations of Trinity College, Dublin, for the Examination for Junior Exhibitions.

14. That the Head Masters of the said Schools be directed to furnish to the Registrar, before the end of the first week of October in each year, a list of such of their pupils intending to enter Trinity College previous to the Examination for Exhibitions as are duly qualified, as hereinbefore provided, to compete for the Supplemented Exhibitions respectively.

15. That the Registrar shall forward a complete list of the pupils of said Schools so qualified to compete for the Supplemented Exhibitions to the Senior Lecturer of Trinity College before the end of the second week of October in each year.

16. That the Board of Trinity College be requested to continue to furnish, as at present, to the Governors at the close of each such Competitive Examination, at which any student having been a pupil of any of the said Schools may have presented himself for Examination, a detailed statement of the result of such examination, under the several heads of the subjects examined, setting forth not only the positive merits of each such student, but also his relative merits as compared with the several other persons who have submitted themselves to such examination, from whatsoever schools such other persons may have come, and also in such statement to give such other information respecting the examination as they may deem expedient to bring under the notice of the Governors.

17. That in case it shall appear from such statement that a student who shall have entered from any of the said schools, and shall be duly qualified according to these rules, shall be first in merit by reason of his having outstripped all competitors at such examination, wherever educated, he shall be entitled to receive an additional sum of £10 per annum; and such additional sum of £10 shall be deemed part of his Supplemented Exhibition.

18. That the Governors shall not be bound to award any Supplemented Exhibition upon the result of any such Competitive Examination to any of such competitors unless they consider his positive merit sufficient to deserve same, and they shall have power to award a Supplemented Exhibition of a lower amount, if they shall consider the positive merit sufficient only to deserve such amount. £40 Exhibitions shall only be awarded when the candidate is within the first fourteen places; or, if outside that number, shall have scored 45 per cent. at the Examination.

19. That no student shall be permitted to compete more than once at any such examination.

20. That any student who shall have obtained a Grammar Schools Supplemented Exhibition shall be entitled to hold it for a period of five years, and a High School Supplemented Exhibition for a period of four years, in case his name shall be so long continued on the books of Trinity College, and that proceeding regularly with his class he shall have obtained in each year of his Undergraduate Course one honor of the first rank or two honors of the second rank; the obtaining of such

Supplemented Exhibition being reckoned as equivalent to an honor of the second rank obtained in the Junior Freshman year, a Moderatorship as an honor of the first rank in the Senior Sophister year, and an University Scholarship, in whatever year obtained, as equivalent to an honor of the first rank at the Term Examination in that year. Any Trinity College Student who is on the books of any Professional School, shall be recognized as being on the College Books for the purposes of this Board, and shall be entitled to retain his Exhibition if he shall have passed with credit in that School. A "Pass with Credit" to be defined in each case by a certificate from the Registrar of the School on the recommendation of the Court of Examiners.

21. That success at the first Indian Civil Service Competitive Examination shall be reckoned as equivalent to an honor of the first rank, and that success at any of the subsequent Indian Civil Service Examinations shall be reckoned as equivalent to an honor of the second rank.

22. That a Supplemented Exhibition shall become forfeited in case the holder shall incur any heavy Collegiate censure, such as public admonition or rustication, or in case all the examinations of any year of his Course shall have elapsed without his having obtained in that year one honor of the first rank or two honors of the second rank, or what is to be deemed equivalent thereto as hereinbefore provided.

23. That the Supplemented Exhibitions shall be payable half-yearly, viz., on 1st May and 1st November; but that payments shall be made in May to such students only as shall have obtained in the preceding part of that year at least one honor of the second rank or its equivalent. That a half-yearly payment held over in May, shall be made in the following November, provided an honor shall have been obtained in the meantime; and a payment for the entire year shall be made in November to such students as had not qualified before the 1st of May for a half-year's payment, and shall, between the 1st of May and 1st of November, have fulfilled all the requisites for the whole year.

24. Pupils and former pupils of the Grammar Schools, the High School, and those who have been educated on the Erasmus Smith Foundation in the King's Hospital, Dublin, are eligible to apply for Statutory Exhibitions. All such applications must be lodged before the 1st of October in each year, with the Registrar, 40, Harcourt Street, Dublin.

THE JAMES PATRICK KIDD SCHOLARSHIP.

THE following Regulations received the approval of the Board, December 7, 1889:—

1. The Examination for the James Patrick Kidd Scholarship shall be held in Michaelmas Term.

2. Candidates for this Scholarship must either be in the Rising Junior Freshman Class, and have entered College not earlier than the first day of the preceding Trinity Term, or they must pay a fee of £1 seven days

before the commencement of the examination; but one of the latter class of candidates will not be elected to the Scholarship, unless the Senior Lecturer be satisfied that he has qualified at this examination in all the subjects required at an Entrance Examination: and, if elected, he will be required to place his name on the College Books according to the ordinary rules.

3. The Course for the Scholarship shall be that prescribed in the University Calendar for Junior Exhibitions, with the same limit of age.

4. The Scholarship shall be tenable for four years, and shall be forfeited by the holder incurring any heavy Collegiate censure, such as public admonition or rustication, failing to proceed regularly with his Class without the leave of the Board of Trinity College, or failing to obtain in any year one Honor of the first rank, or two Honors of the second rank, or else obtaining such equivalent distinctions as are specified in the Regulations for the tenure of Supplemented Erasmus Smith Exhibitions as stated in the University Calendar.

5. Whenever in future a Kidd Scholarship shall be vacant, the next following ordinary Examination for Junior Exhibitions shall be suspended, and Candidates for Junior Exhibitions and School Exhibitions shall be required to compete at the Examination for the Kidd Scholarships and each of the sixteen Candidates who come next in answering to the Student elected to the Kidd Scholarship shall be elected to a Junior Exhibition, provided that he satisfies the above condition as to age, and that he is not appointed to a Supplemented Erasmus Smith Exhibition.

The annual value of the Scholarship is about £80. The Scholarship will be awarded in 1921.

IRISH SOCIETY SCHOLARSHIP.

The Hon. the Irish Society offers annually to women Students a Scholarship of £60 per annum, tenable for three years in Trinity College, Dublin, subject to the following conditions:—

Candidates must have studied continuously for the two years immediately previous to the competition at an Intermediate School in the city of Londonderry, or in the town of Coleraine. The Scholarships will be allocated to Students whose means are insufficient to pay the full expenses of a University Course, and preference will be given to a Student who is preparing for the profession of teaching.

The Scholarship is awarded on the marks obtained by candidates in the Senior Grade of the Irish Intermediate Examination.

The age of candidates must not exceed the limit allowed by the Irish Intermediate Board to candidates for Intermediate Exhibitions and Prizes.

Details of conditions of tenure can be obtained from the Hon. Secretary of the Londonderry Scholarship Committee, Victoria High School, Londonderry.

The Scholarship was awarded for the first time in 1907.

BIGGS MEMORIAL PRIZE.

THE past pupils and friends of Richard Biggs, LL.D., desiring to record their appreciation of him as a head-master, and their regard for him as a friend, subscribed a sum of money to connect his name permanently with the Schools in which he worked, by instituting a prize to be called "The Biggs Memorial Prize."

The Prize is to be awarded to the best of those competitors at the Examination for Junior and Schools Exhibitions (provided sufficient merit be shown) who shall enter Trinity College, and who shall have been pupils for at least one year at Chesterfield School, Birr (or such other School in or near Birr as shall take its place), or at Galway Grammar School, or at Portora Royal School, Enniskillen.

Competitors must forward evidence of having been pupils for the time required to the Senior Lecturer before the commencement of the Examination.

The sum collected was invested in £350 Great Southern and Western Railway Four per cent. Debenture Stock, yielding annually about £15.

The Prize was awarded for the first time in Michaelmas Term, 1905.

HASLETT MEMORIAL SCHOLARSHIP.

THE Haslett Memorial Scholarship Fund was created in 1907 by some friends and pupils of the late William Woods Haslett, M.A., to commemorate his work in St. Andrew's College, Dublin, and his services to the cause of education.

The founders of this Scholarship were guided by the wishes which they remembered Mr. Haslett in his life-time entertained to help deserving pupils to proceed with their education in Trinity College, Dublin.

The Scholarship is to be awarded to the best of those pupils entering Trinity College who shall be competitors at the examination for Junior Exhibitions, and who shall have been for the two previous years pupils at St. Andrew's College.

The value of the Scholarship is about £25, and it was first awarded in Michaelmas Term, 1907.

The Scholarship will not be awarded unless sufficient merit is shown.

EXHIBITIONS TO WHICH APPOINTMENTS ARE MADE WITHOUT EXAMINATION.

THE following Exhibitions are awarded to Students by the Board without a special Examination; they are paid quarterly through the Tutors, provided that the holders (1) proceed regularly with their class, (2) have their names on the College Books, and (3) are under Master's standing:—

Erasmus Smith Exhibitions.—These Exhibitions were founded by the Governors of Erasmus Smith's Schools, and the foundation was confirmed by Act of Parliament (10 Geo. I., 1723). Students elected by the Board of Erasmus Smith are entitled to priority in appointment to these Exhibitions: and those not so filled are disposed of by the Board. The annual value of a first-class Erasmus Smith's Exhibition is £7 7*s.* 8*d.*, and of a second-class do. £5 10*s.* 9*d.* There are 20 first-class and 15 second-class Exhibitions.

Downes Exhibitions.—The Downes Exhibitioners are selected, in accordance with the will of the founder, as expressed in the following passage of his will (Register, p. 3, 1784):—

"I leave Fifty Pounds annually, to be given among five Students on the Divinity line, in the proportion of £10 each, at the discretion of the Provost and Senior Fellows; respect being had in such choice to narrow circumstances, and proficiency in learning; the said stipend to continue till they shall arrive to the standing of A.M., or shall die, resign, or leave College, and then to cease, and others to be appointed in their room; and to be determinable sooner in case of immoral behaviour, negligence in attending the Divinity Lectures, or incapacity in such Students, certified by the Divinity Lecturer."

The annual value of each Exhibition is £10 *Irish*, or £9 4*s.* 8*d.* present currency.

Worrall Exhibitions.—The Worrall Exhibitioners, in accordance with the will of the founder, are chosen by the Board from poor scholars, who have entered as Sizars, the sons of clergymen in the diocese of Dublin, or, in default of such, the sons of citizens of the city of Dublin. The Fund produces annually about £75, and the annual value of each Exhibition is £9 4*s.* 8*d.* When an Exhibition is declared to be vacant, the Tutors are invited to state to the Board the names of their pupils having the qualifications required by the founder's will, and such other circumstances as may guide the Board in their selection.

Crowe Exhibitions.—These Exhibitions were formerly limited to Students nominated by the representatives of the founders.

On the 28th March, 1874, a deed of grant of the right of presentation to the Crowe Exhibitions, by the Rev. Robert Blundell to the Provost, Fellows, and Scholars of Trinity College, from and after the decease of the said Robert Blundell, was laid before the Board.

The Exhibitions are to be given to "Sons of Clergymen of the Church of Ireland (giving the preference to sons of clergymen of the diocese of Tuam) intending to devote themselves to the ministry of the Church of Ireland," such Exhibitions to be given as a rule to Students at the commencement of their Divinity Course, and in all cases taking into account the poverty of the respective Candidates.

The endowment yields annually about £106, and the annual value of each exhibition is £15.

Span and Avary Exhibitions.—These Exhibitions are specially limited by the wills of the founders to poor Students. There were formerly two Span Exhibitions of £24 annual value each, but in consequence of the failure of the fund, none are being granted at present. There are two Avary Exhibitions; the annual value of each is £4 12*s.* 4*d.*: the Exhibitioners are nominated by the Provost from among the Sizars.

Clanbrassil, Stearne, Parsons, Yelverton, Griffith, and Briggs Exhibitions are elected to by the Board for general collegiate merit, the preference being generally given to Scholars on the foundation. The annual value of each is £4 12*s.* 4*d.*

The Stearne Fund yields annually about £50; the funds of the remainder yield a total income of about £26.

As these Exhibitions are payable out of Special Trust Funds which are liable to fluctuation, the Board reserve to themselves the power of discontinuing the payment of them, either wholly or in part, whenever the requisite amount is not forthcoming.

Worth Exhibitions.—These Exhibitions were granted, in 1699, by the Hon. William Worth, of the city of Dublin, who granted for the purpose a charge of £20 Irish upon the funds of St. Stephen's Hospital, Cork, commonly called the Blue Coat School, founded by him.

William Worth appointed that four Students of Trinity College, Dublin, with a preference to natives of the city and county of Cork, should be selected by the Bishop of Cork, the Mayor of Cork, the heir-at-law of William Worth, and the Provost of Trinity College, and the income divided equally between them. In 1890 the Educational Endowments Commissioners framed a scheme for St. Stephen's Hospital, Cork, and directed that the £20 Irish shall be paid by the Governors of the Hospital to the Senior Bursar of Trinity College, and gave the Provost and Senior Fellows power to regulate the conditions, number, amount, and tenure of the Exhibitions.

The Board has decided that the selection of the Students shall be made as heretofore, and that the annual income of £20 Irish shall be divided into two Exhibitions, the Students to be elected for not more than two years, and to be capable of re-election.

Assistance given without Examination to deserving Students.

ASSISTANCE GIVEN BY THE TUTORIAL BODY.

In the course of each half-year ending with the first Saturday in June or December each Tutor may grant exemptions to his pupils from tuition fees to the extent of four guineas for every complete hundred guineas paid by his pupils during the preceding half-year, provided that he may always grant exemption up to the extent of four guineas as a minimum ; and provided also that in the case of future Tutors the approval of the Board be obtained for the exemptions thus given.

THE SALMON FUND.

In October, 1894, and in subsequent years, Rev. George Salmon, D.D., Provost, transferred sums of money to the Board to form a fund "for helping poor students to pay their College fees, giving preference to sons of clergymen," which now amount to £4932 19s. 7d. The fund is administered by the Provost. Applications for assistance are made to him through the Tutors.

THE FREDERICK PURSER GRADUATES' FUND.

In Michaelmas Term, 1910, the sum of £4000 was presented by John Purser Griffith, M.INST. C.E., and Mrs. Griffith, to institute a Fund in memory of Professor Frederick Purser, M.A., F.T.C.D. The object of the Fund is to lend at nominal interest to Graduates leaving Trinity College, Dublin, sums of money which may assist them to attain at the outset of their several careers more readily than otherwise to permanent positions.[a]

The qualifications which will principally be taken into consideration in granting these loans will be—(1) limited means of the applicant and of his or her parents or guardians ; (2) such general distinction and character during his or her College course as will serve as a guarantee that the money lent will be applied to what is likely to prove of permanent benefit to the applicant.

Applications, accompanied by particulars as to the qualifications of the applicant and as to the object and destination of the loan, should be made to the Trustees of the Fund through the Tutor ; and the Tutor of each applicant, and some of the Professors or

[a] Such as say, to assist an Engineering Student who has graduated in the Engineering School to pay the fee required before he can be apprenticed to a Practising Engineer. It should be clearly understood that this case is merely taken as an example. Any Graduate may apply who requires assistance at the outset of his or her career

Teachers of Trinity College with whom the applicant has been associated in his or her studies, are to be requested by him or her to send recommendations direct to the Trustees. All communications will be regarded as strictly confidential.

It is only in exceptional circumstances that any single loan will exceed £100. Interest will be charged at one per cent. per annum, payable half-yearly. A recipient of a loan must enter into an undertaking to keep the Trustees acquainted with his or her residence, to pay the interest regularly, and when remunerative employment is obtained to repay the principal by instalments within a reasonable time, that time to be fixed by the Trustees in each case according to the nature of the remunerative employment which has been obtained. If the principal is repaid within three years from the time the loan is made, the interest paid will be refunded.

The Trustees meet to consider applications on the last Tuesday of each month during Term, and on the first day of Michaelmas Term. No application will be considered unless it shall have reached the Trustees at least three clear days before their day of meeting. Communications to be addressed to Dr. L. C. Purser, 35 Trinity College, Dublin.

THE FREDERICK PURSER UNDERGRADUATES' FUND.

In Hilary Term, 1911, the sum of £3000 was given by John Purser Griffith, M.INST. C.E., and Mrs. Griffith, to institute a fund in memory of the late Professor Frederick Purser, M.A., F.T.C.D., to be called "The Frederick Purser Undergraduates' Fund," with the object of helping some Sophister Students of limited means who have shown promise in their previous Course, so as to enable them to derive the most benefit possible from the teaching of the Sophister years, whether in Arts or in the Professional Schools; and to save them, as far as may be, from being compelled to divert their energies into other activities in order to obtain necessary means of livelihood.

The whole sum available for distribution will be about £50 for the first year and £100 for each succeeding year.

Applications, accompanied by particulars as to the qualifications and prospects of the applicant, should be made to the Trustees of the Fund through the Tutor; and the Tutor of each applicant, and some of the Teachers in Trinity College with whom the applicant has been associated in his or her studies, are to be requested by him or her to send recommendations direct to the Trustees. All communications will be regarded as strictly confidential.

The Trustees meet to consider applications on the last Tuesday in October. No application will be considered unless it shall have reached the Trustees at latest on the Friday before the day on which the Trustees meet.

Communications to be addressed to Dr. L. C. Purser, 35 Trinity College, Dublin.

GOLD MEDALLISTS' WAR FUND.

EARLY in the year 1918 the Right Hon. Sir J. H. M. Campbell, Bart., Vice-Chancellor of the University, acting on the suggestion of the Rev. R. Norwood, formed a Committee for the purpose of inviting former Senior Moderators and the Gold Medallists of the College Societies to devote their medals towards raising a Fund to provide a memorial to the Trinity College men who had fallen in the war, the form of the memorial to be decided by the Committee when the amount of the Fund should be known. The Board of Trinity College agreed to present to each donor a replica of his medal in bronze. In accordance with suggestions made by the donors of the medals, the Committee drew up the following regulations, which have been approved by the Board of Trinity College :—

The Fund shall be invested in the name of the Provost, Fellows, and Scholars of Trinity College, and shall be held by them subject to the following conditions :—

1. The Trustees for the administration of the Fund shall be the Vice-Chancellor of the University, the Lord Chief Justice, the Provost, the Bursar, and the Junior Bursar.

2. They shall devote the interest and capital of the Fund (so far as the latter shall be necessary) towards the education and advancement of such of the children or immediate dependents of members of the University, whether graduates or undergraduates, who have fallen in the war as the Trustees in their sole discretion may select.

3. If in the opinion of the Trustees all proper claims under (2) have been exhausted, then the Trustees shall devote the remainder of the Fund, whether as to capital or interest, to such purposes as may seem to them most nearly in accordance with the original purpose set out in the preceding paragraph.

The amount of the Fund handed to the Board on 25th June, 1921, was £1465 12*s*.

Applicants should send in their claims to the Bursar.

SUMMARY OF SCHOLARSHIPS, EXHIBITIONS, AND PRIZES, AWARDED BY EXAMINATION IN THE UNIVERSITY OF TRINITY COLLEGE, DUBLIN.

At Entrance:—

Every year 16 Junior Exhibitions, 12 of £20, and 4 of £15, a year for two years, and every fourth year the Kidd Scholarship, value about £80 a year for four years.

Additional Exhibitions or Prizes may also be given by the Board at their discretion to deserving candidates.

Twenty-six Entrance Prizes, namely, a First of £5 and a Second of £2 in each of the following subjects:—Greek Verse, Latin Verse, Greek Prose, Latin Prose, English Literature and Composition, English History and Modern Geography, French, German, Hebrew, Experimental Science, Natural Science, Modern Irish, Scripture.

About 10 Sizarships annually, in Mathematics, Classics, French and German, Experimental Science, Hebrew, and Irish, awarded by examination in June, and limited to poor students.

The Charles Wilkins Memorial Prize in Mathematics, £10, for Women.

In any year of their Course Students may compete for:—

About 16 Foundation Scholarships for men, awarded annually in Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, French, German, Italian. Successful candidates are styled Scholars of the House, and are members of the Corporation of Trinity College; they receive a salary of £20 Irish, have their Commons free, their rooms at a reduced charge, pay only quarterly tuition fees of £1 1*s*., and their Scholarships last usually for 5 years.

Non-Foundation Scholarship, in the same subjects, for women, value £30 a year, with exemption from ordinary College Fees, save Tuition Fees.

The Marshall Porter Memorial Prize, £20, is awarded annually to the most deserving unsuccessful candidate for Classical Scholarship.

Term Honors and Prizes, and Prizes at Lectures:—

Every Term Examinations are held, at which Honors of the First and Second Rank are awarded to Candidates who exhibit sufficient merit. In Michaelmas Term, Prizes of £4 and £2 are awarded to Candidates who obtain First and Second Honors, respectively.

Two Prizes of £1 10*s*. each, for Composition, are awarded each Term, one in each class, to Freshman students attending the Honor Lectures in Classics, similar Prizes are awarded in French and in German, and similar Prizes are awarded for Composition in English to the students attending the Professor's Lectures, one for Freshman students and one for Sophisters.

Prizes and Exhibitions open for Competition :—

In the Junior Freshman year :—

Term Prizes (see above) in Michaelmas Term in : Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Spanish, Old and Middle Irish.

Composition Prizes every Term (see above), at the Honor Lectures in Classics, French, German, and English.

Catechetical Prizes, £2 each, at all the Lectures and Examinations, to Students who exhibit sufficient merit.

The Townsend Memorial Prize in Mathematics, £20, awarded on the results of the Honor Examinations in Mathematics.

In the Senior Freshman year :—

Term Prizes (see above) in Michaelmas Term in : Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History, English Literature, French, German, Italian, Spanish, Old and Middle Irish.

Prizes for Composition every Term (see above), at the Honor Lectures in Classics, French, German, and English.

Catechetical Prizes, £2 each, at all the Lectures and Examinations, to Students who exhibit sufficient merit.

Sixteen Senior Exhibitions, twelve of £20, and four of £15 a year for 2 years, awarded on the results of the Final Freshman Examination and the Honor Examinations of the Senior Freshman year.

Additional Exhibitions or Prizes may also be given by the Board at their discretion to deserving Candidates.

The Jellett Prizes, £5 and £3, for first and second places at the Final Freshman Examination held at the end of Trinity Term.

The Michael Roberts Prize, £6, in Mathematics ; the William Roberts, £6 in Classics : the Dunbar Ingram, £7, in Modern History ; and the Littledale, £8 in English Literature ; awarded at the Term Prize Examinations in Michaelmas Term : the Dompierre-Chaufepié Prize, £12, in French, at the Trinity Term Honor Examination in French : the Minchin Prize, about £10, for general academic attainments and scientific proficiency.

In the Junior Sophister year :—

Term Prizes in Michaelmas Term in : Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science, Celtic Languages.

Catechetical Prizes, £2 each, at all the Examinations to Students who exhibit sufficient merit.

The Mullins Classical Exhibition, value about £30, awarded on the results of the nine Classical Honor and Prize Examinations of the Freshman and Junior Sophister years.

The Lloyd Exhibition in Mathematics, value about £15 a year for 2 years, awarded at the Term Prize Examination in Michaelmas Term.

The Dr. Henry Hutchinson Stewart Literary Scholarship, value £20 a year for 3 years, awarded on the results of the Term Honor and Prize Examination, in French, German, and English Literature, in the Freshman and Junior Sophister years.

The Cluff Memorial Prize, about £12, in Modern History, awarded at the Term Prize Examination in Michaelmas Term.

In the Senior Sophister year:—

The Wray Prize, £28, in Mental and Moral Philosophy, awarded at a special Examination in Hilary Term.

The Degree Examination can be passed by answering in any of the following Courses:—Mathematics, Classics, Mental and Moral Philosophy, Experimental Science, Natural Science, History and Political Science, Modern Literature, Legal and Political Science, Engineering Science, Celtic Languages, Oriental Languages. Successful Candidates are styled Senior or Junior Moderators, and receive Gold or Silver Medals. A Studentship, not exceeding £100 a year for five years, and a Brooke Prize of about £34, are awarded to the first and second answerers, respectively, in Mathematics, combined with another Course; and a Studentship and Brooke Prize of similar values are awarded to the first and second answerers, respectively, in Classics, combined with another Course.

Also Prizes of value not less than £50 may be awarded to Moderators who have specially distinguished themselves, but in general conditions as to research or study will be imposed.

Scholars who obtain Senior Moderatorships are usually granted Exhibitions of £10 a year for 3 years.

The King Edward Prize of £10 is awarded to the Respondent who answers best at the Degree Examination in December.

The FitzGerald Memorial Scholarship and Medal in Experimental Science, £50.

Catechetical Prizes, value £2 each, are awarded at the Term Examinations to Students who exhibit sufficient merit.

In the Junior Sophister and subsequent years to M.A. *standing*:—

Prizes in Biblical Greek, £15.

In the Junior Bachelor year:—

The Bishop Law Prizes, value £20 and £10, in Mathematics, in Michaelmas Term.

For Graduates of not more than 8 *years standing*:—

The Elrington Theological Prize, value £50, for an Essay on a Theological subject.

For Graduates:—

The Whately Memorial Prize in Political Economy, every fifth year, value about £60, awarded for an Essay on a specified Economic subject.

At the Examination for Fellowship, the first man out receives the Madden Prize, value about £400, provided there are two disappointed Candidates at least, and to him and other unsuccessful Candidates the Board usually grant Prizes, varying from £60 to £20, in order to encourage them in reading for Fellowship.

In any year of their College Course up to M.A. standing:—

Students may compete for the following special Scholarships or Prizes, which are all awarded annually, unless a statement to the contrary is made:—

In Mathematics:—

The M'Cullagh Prizes, value £30 and £20, on a special course.

Classics:—

Bishop Berkeley's Gold Medals (2), on a special subject.

Vice-Chancellor's Latin Medals (2 Gold), on a special subject.

Two Vice-Chancellor's Prizes, value £20 each, for Compositions on special subjects.

The Ferrar Memorial Prize, £15 for Comparative Philology, a special course being set.

Tyrrell Memorial Gold Medal, every second year, for Composition.

History and Political Science:—

Prizes in Political Economy, £10 and £5, in Trinity Term.

The Blake National History Scholarship, every fourth year, value about £92 a year for four years, awarded for an Essay on a specified subject.

Ancient History and Classical Archæology, £5.

English:—

The Vice-Chancellor's Prizes, £20 and £20, for English Prose and English Verse.

Prize in Old and Middle English, £10 10*s*.

Languages:—

Hebrew, Chaldee, and Syriac, £40; Arabic, £10; Hindustani, £5; Persian, £5; Sanskrit, £10: all awarded by Examination to Students attending the corresponding Lectures. Prizes in Irish, £20; Old French and Provençal, £5. The Ferguson Memorial Prize in Celtic Literature, every third year, £20.

In Subjects connected with the Study of Divinity:—

Wall Biblical Scholarship, value £20 a year for five years. In Ecclesiastical History, £10 and £5.

Prizes in the Professional Schools:—

Prizes in the School of Divinity:—

Each Term two Prizes for Composition, value £2 each, one for the Senior Class, and one for the Junior. The Carson Biblical Prize, £15 10*s*. The Toplady Memorial Prize, £6 5*s*. The Ryan Prize, £3. Archbishop King's Divinity Prizes, £12, £8. Bishop Forster's Divinity Prizes, £14 10*s*. The Downes' Divinity Premiums: for Written Composition, £12 and £8; for Oratory, £6 and £4; and for Reading the Liturgy, £5, £2; Pastoral Theology, £2. The Warren Church Formularies Prize, £10. The Robert King Memorial Prize in Ecclesiastical History, £3 10*s*. The O'Regan Memorial Prize, £5.

Two Theological Exhibitions, value £60 and £20 a year, tenable for three years. The Kyle Irish Prize, £11. A Bedell Scholarship of £20 a year for four years, and a Bedell Prize of £10, are awarded from time to time.

Prizes in the School of Law:—

At the end of Trinity Term Prizes amounting to £45 may be awarded by the Professors to the best answerers of the Students attending their Lectures.

Prizes in the School of Physic:—

A Begley Studentship of about £37 a year for four years, awarded annually.

A Medical Scholarship of £20 a year for two years, and a Dr. Henry Hutchinson Stewart Scholarship of £10 a year for three years, in Chemistry, Physics, Botany, and Zoology, open to Students who have not completed two years.

A Medical Scholarship of £20 a year for two years, and a Dr. Henry Hutchinson Stewart Scholarship of £10 a year for three years, in Anatomy and Institutes of Medicine, open to Students who have not completed three years.

The Daniel John Cunningham Medal and Prize, awarded at the Intermediate Medical Examination, Part I., in June, to the student who obtains highest marks in Anatomy, and completes the Examination.

The John Mallet Purser Medal in Physiology and Histology, awarded at the Intermediate Medical Examination Part I. in June, open to Students who have not spent more than three years in the School.

The Fitzpatrick Scholarship of about £32 is awarded annually to the Student who obtains the highest aggregate marks at the five sections of the Final Medical Examination, provided that his Medical Course shall have been completed in the prescribed time of five years.

A Medical Travelling Prize, and a Surgical Travelling Prize, each of £100, in alternate years, open in Trinity Term to Students who have passed the Final Examination in Medicine, or in Surgery, as the case may be, within two years from the beginning of the Term. The John Banks Medal is awarded to the winner of the Medical Travelling Prize, and the John Banks Prize of about £15 to the second best answerer. The Edward Hallaran Bennett Medal is awarded to the winner of the Surgical Travelling Prize, and the Edward Hallaran Bennett Prize to the second best answerer.

The following Prizes are granted by the Professors:—Institutes of Medicine, £6 and £4; Practice of Medicine, £5; Materia Medica, £5; Medical Jurisprudence, £5.

In the School of Engineering:—

A Prize in Geology and Mineralogy of £10 to third year's men, and one of £5 to second year's men.

A great number of the above Prizes, &c., are paid out of Special Trust Funds, and accordingly are subject to variation, so that the amounts given must be taken as approximate values.

Professional Schools.

THE Testimoniums in the School of Divinity, and the Degrees, Licenses, or Diplomas in the Schools of Physic, Engineering, and Agriculture can only be obtained by attending prescribed Courses of Lectures during two or more years, and passing certain Examinations.

Students seeking credit for a Term by Lectures must, at the commencement of such Term, duly register with the Clerk of the Books their places of residence for that Term, and during Term notify a change of residence: if this rule be not observed, credit for the Term cannot be allowed.

DIVINITY SCHOOL.

§ I. GENERAL RULES.

IN order to obtain the Divinity Testimonium, Students must pass the Regius Professor's Final Examination, having previously kept the Divinity Terms of two years: during the first year with Archbishop King's Professor of Divinity; during the second with the Regius Professor. Each year consists of three Terms, viz. Michaelmas Term, beginning near the end of October; Hilary Term, beginning near the end of January; Trinity Term, beginning near the end of April. The Lectures of each Term last about eight weeks. It is regular to keep the Terms in the order just stated; but this is not insisted on, and a Student may enter the Divinity School at the beginning of any Term. When a Student has completed his attendance on three Terms' Lectures, and has satisfied the other requirements stated below, he presents himself at an Examination held by Archbishop King's Professor. A Student cannot obtain credit for his first year, and is not permitted to commence attendance with the Regius Professor, until he has passed this Examination.

Students in Divinity are required to attend the Services in the College Chapel during Lecture Term, and they must satisfy the Regius Professor or Archbishop King's Professor that they are habitual communicants of the Church of Ireland. This rule does not apply to a Student who is not a member of the Church of Ireland, or of a Church in communion therewith; but he will not receive the ordinary Testimonium at the end of the Second Year, a special form being substituted for it.

Students in Divinity who are also Students in Arts are not entitled to claim Professional Privileges in any Term in which they substitute for Classics one of the other Courses in Arts.

No Student can present himself for Entrance into the Divinity School who has not kept at least four Terms of the Freshman Catechetical Course, *or* passed an examination in the whole Senior Freshman Catechetical Course.

The Lecturer in the English Bible delivers a two years' Course of Lectures on Tuesdays and Fridays at 11 o'clock. A Student may attend this Course in whole or in part before he has entered the Divinity School, and it is advisable in most cases to do so as early as possible. It is necessary for every student to obtain credit for attendance on this Course before he can receive the Divinity Testimonium.

A Hostel in connexion with the Divinity School has been established by the General Synod of the Church of Ireland, and recognized by the Board of Trinity College as a registered place of residence for Divinity Students. A prospectus will be furnished on application to the Warden, 25, Mountjoy Square, Dublin.

§ II. Admission to the Divinity School.

Students who have completed their Junior Sophister Year, and who have obtained satisfactory marks in Greek and Latin, may enter the Divinity School; but none but those who have passed the Degree Examination, or who are Senior Sophisters, and qualified to present themselves at the Degree Examination in the following December, are permitted to join the Senior Divinity Class. It is possible for a Student to obtain his Testimonium without paying any fees in addition to those necessary for obtaining his Degree of Bachelor in Arts; because the names of Graduate Divinity Students completing their last Term of Divinity Lectures of the Senior Year in the June Quarter are not struck off the College books until after the Final Examination of the Regius Professor of Divinity; but they are not thereby entitled to the payment of the June quarter of any Exhibition or Prize they may hold.

Students of lower standing than Senior Sophisters who are candidates for Moderatorship, and, in special cases, those who do not intend to pursue the Course in Arts, are allowed to present themselves at the Examination for Entrance into the Divinity School; but it is necessary for them to obtain written permission from Archbishop King's Professor. They are required to make application for such permission a month before the commencement of the Lectures they propose to attend; and they ought to state fully what grounds there are for dealing with them exceptionally, and in particular whether they have received an education in Arts elsewhere.

Any man who has served abroad in the navy or army during the years 1914–1918, shall, if he receive a recommendation from a bishop, be permitted to present himself at the Entrance Examination to the Divinity School at any time after passing the Entrance Examination to the University, and if he pass the Entrance Examination to the Divinity School, he shall be allowed to proceed with his Divinity Course.

Students wishing to enter the Divinity School should give notice of their intention to Archbishop King's Professor not less than seven days before the date of the Entrance Examination.

The examination for Entrance to the Divinity School embraces the following courses:—

I. The Greek text of the Gospel according to St. Mark, with questions on Greek Grammar.

II. Butler, Sermons i., ii., and iii.; with Preface and Dissertation on Virtue.

III. Mackenzie's *Manual of Ethics*, Books i. and ii.

IV. The Senior Freshman Catechetical Course, viz., Genesis, Exodus, i.–xx., incl., 1 & 2 Samuel, 1 & 2 Kings.

All Students must pass in Courses II. and III.

All Students, whether Graduates or Undergraduates, who have not obtained satisfactory marks in Greek at the Final Freshman Examination, must pass in Course I.

Students who have completed four Terms of the Freshman Catechetical Course are excused from Course IV.

§ III. Junior Divinity Year.

In each Term Archbishop King's Professor of Divinity delivers a Course of Prelections, on Mondays and Thursdays, at eleven o'clock, in the Divinity School; and on the same days his Assistants lecture at noon. One or more of the Assistants may, as need shall require, lecture at one o'clock. The subjects of these Prelections and Lectures are given below. On Tuesdays and Fridays the Lecturer in the English Bible delivers a Course of Lectures at eleven o'clock (see p. 216). Archbishop King's Professor is authorized to require that Students whom he considers deficient in Greek should attend such of the Tutorial Lectures in Greek as may be deemed suitable. A Student cannot obtain credit for having kept a Term, if he shall have absented himself more than once from any Course of Lectures by Archbishop King's Professor, or by his Assistants, or by the Lecturer in the English Bible in such Term, unless in the case of sickness or some other unavoidable impediment, when the omission of a number of Lectures, not exceeding one-fourth of the whole, may be allowed if approved by the Board.

Each Assistant Lecturer holds an examination of his own class at the end of each Term.

It is within the discretion of Archbishop King's Professor to deliver a further course of Prelections on a subject of his own choice on Wednesdays at eleven o'clock, attendance at which is compulsory.

The Professor is empowered to require, at his discretion, from the Students, during each Term, written answers to questions on the subjects of his Prelections.

On the first Lecture day of each Term an Examination is held in a portion of the Greek Testament, at which all Students in the Class, of whatever standing, must present themselves. Students who fail to pass a satisfactory Examination in the appointed Course of Greek on the first day of Term are required to attend Tutorial Lectures in Greek during Term, as provided above.

Examinations in Ecclesiastical History are held on the first days of Lectures in Hilary and Trinity Terms. These two preliminary Examinations must be passed before the Student is allowed to present himself at the Examination with which the Divinity Course for the first year closes.

Six days, not ordinary Lecture Days, are appointed in each Term for English Composition; and credit for *four* attendances at least is necessary for keeping the Term. A premium of £2 is awarded by the Board in each Term, on the recommendation of Archbishop King's Professor, to the Student who shall have sent in the *three* written Essays of highest merit.

The following are the Subjects prescribed for the Lectures and Examinations of each Term:—

Michaelmas Term.—On the first Lecture Day Students are examined in the Greek Text of *Acts*, i.–xii., incl.

(Candidates are expected to be acquainted with the renderings of the Revised Version of the New Testament.)

Archbishop King's Professor delivers a Course of Prelections on The Revelation of Christ, its evidence and history; and his Assistants lecture on the Greek text of one of the Synoptic Gospels.

Hilary Term.—On the first Lecture Day Students are examined in the Greek Text of the Epistles to the Galatians and the Philippians; and also in Robertson's *History of the Christian Church*, Book I., chaps. iv.–vii. (*The Early Heretics;* and from A.D. 180 to A.D. 313); Book II., chaps. i., ii., iii., from A.D. 313 to A.D. 363.

Archbishop King's Professor lectures on The Doctrine of the Incarnation, and his Assistants lecture on Maclear's *Introduction to the Creeds.*

Trinity Term.—On the first Lecture Day Students are examined in the Greek Text of *Acts*, xiii.–xxviii., incl.; and also in Robertson's *History of the Christian Church*, Book II., chaps. iv., v. (from A.D. 363 to A.D. 395); Book III., chaps. iii., iv.,

(*Nestorianism; Eutychianism; The Council of Chalcedon; Advance of the Roman See*).

Archbishop King's Professor lectures on The Authority, Inspiration, and Criticism of the Bible; and his Assistants lecture on the Greek Text of the Epistle to the Romans.

When a Student has obtained credit, according to the regulations already specified, for attendance at the Lectures of three Terms, he completes his Junior Year by passing a final Examination, conducted by Archbishop King's Professor and his Assistants, according to the following rules:—The principal Examination is held at the end of Trinity Term, for Students who have regularly commenced attendance with Michaelmas Term; but Supplemental Examinations are held at the end of each Term, for the benefit of Students terminating their Course at other times. A Supplemental Examination is also held at the beginning of Michaelmas Term, before the Lectures of the Senior Class begin. In rejecting a Candidate, Archbishop King's Professor determines whether he may present himself again at the Examination at the end of the next following Term, or whether he must be longer kept back.

Students are required to give notice to Archbishop King's Professor of their intention to present themselves at this Examination. This notice must be given one week before the day of Examination.

The Course for the Examination is as follows:—

1. The four Gospels and Acts of the Apostles in English. (Candidates are expected to be acquainted with the renderings of the Revised Version of the New Testament.)
2. The four Gospels and the Epistle to the Romans in Greek.
3. Paley, *Evidences*; Butler, *Analogy*, Part I (omitting Chap. 1), Part II, Chaps. 2 and 7 (part i).
4. Kirkpatrick, *Divine Library of the Old Testament*; Hammond, *Outlines of Textual Criticism*.
5. Articles of Religion, I.–VIII. (English and Latin texts); Maclear, *Introduction to the Creeds*; Liddon, *The Divinity of our Lord*, Lectures II., IV., V., VI., VII.
6. The portions of Robertson's *History of the Christian Church* appointed for the Hilary and Trinity Term Examinations.
7. The Prelections of Archbishop King's Professor.

Failure to satisfy the Examiners in either 1 or 2 will disqualify a Candidate from obtaining credit for this Examination.

An additional Examination for Prizes (attendance on which is not compulsory) is held in Michaelmas Term. See below, "Prizes."

§ IV. Senior Divinity Year.

The Regius Professor receives into his Class those Students only whose names have been returned to him by Archbishop King's Professor as having satisfied all the requirements of the Junior Year, and who have passed the Degree Examination, or are Senior Sophisters, and qualified to present themselves at the Degree Examination in the following December, or who do not intend to pursue the Course in Arts, but were permitted by Archbishop King's Professor to enter the Junior Class. During the second year the Students are required to attend the Regius Professor, and one of his Assistants; also the Lecturer in the English Bible, if they have not obtained credit for this course previously (see p. 216). In Michaelmas and Hilary Terms the Professor delivers Prelections on the Dogmatic Theology of the Church in relation to (*a*) the Church of Rome, (*b*) the Eastern Church, (*c*) Non-episcopal Protestantism. In Trinity Term the Professor delivers Prelections on the Philosophy of Religion.

The Professor is empowered to require, at his discretion, from the Students, during each Term, written answers to questions on the subjects of his Prelections.

The Regius Professor lectures on Tuesdays and Fridays, and on Wednesdays at his discretion, at 10 o'clock. His Assistants lecture at the same hour on Mondays and Thursdays.

The rules as to the numbers of Lectures to be attended are the same as in the Junior Year.

SUBJECTS OF THE ASSISTANTS' LECTURES.

Michaelmas Term.—The Thirty-nine Articles, with Commentary as appointed for the Final Examination.
Hilary Term.—The Book of Common Prayer.
Trinity Term.—The portions of the Greek Testament appointed for the Final Examination.

Each Assistant Lecturer holds an examination of his own class at the end of each Term.

On the first Lecture day of each Term Students are *examined* in a portion of the Greek Testament. (Candidates are expected to be acquainted with the renderings of the Revised Version of the New Testament.) Students who fail to pass a satisfactory Examination in the appointed Course of Greek on the first day of Term are required to attend Tutorial Lectures in Greek and in the Junior Divinity year.

On the first Lecture days of Hilary and Trinity Terms, an Examination is held in Ecclesiastical History, and Articles or Liturgy, *in addition to* the portions of the Greek Testament just mentioned. It is necessary to pass these Term Examinations in order to qualify for the Final Examination.

Subjects of the Term Examinations.

Michaelmas Term.—The Greek text of the two Epistles to Timothy and the Epistle to Titus.

Hilary Term.—The Greek text of the First Epistle to the Corinthians: Robertson's *History of the Christian Church*, Book III., Book IV., chaps. i., ii.: Bishop Gibson's Exposition of Articles VI., XXII., XXV., XXVI., XXVIII.

Trinity Term.—The Greek text of the Epistle of St. James and of the two Epistles of St. Peter.

Hardwick's *History of the Reformation*:—Introduction: chap. i. (Germany): chap. ii. (Switzerland); chap. iv., chap. vi., chap. viii. (Roman Communion, English Communion); Bishop T. W. Drury's *How we got our Prayer Book*.

Six days, not ordinary Lecture days, are appointed in each Term for English Composition: and credit for *four* attendances at least is necessary for keeping the Term. A premium of £2 is awarded by the Board in each Term, on the recommendation of the Regius Professor, to the Student who shall have sent in the *three* written Essays of highest merit.

The Final Examination is held at the end of Trinity Term, for all Students who have attended and obtained credit for the three preceding Terms of the Senior Divinity year, and have complied with the foregoing regulations. A similar Examination is held at the end of the Michaelmas and Hilary Terms for Supplementalists who have completed their attendance on Divinity Lectures in those Terms respectively. A Supplemental Examination is held also at the beginning of Michaelmas Term, but Students competing at it are liable for the same fees as they pay for the Examination at the end of the Term.

Students are required to give notice to the Regius Professor of their intention to present themselves at the Final Divinity Examination. This notice must be given one week before the day of Examination.

The Examination is conducted by the Regius Professor and his Assistants; and the Professor of Ecclesiastical History takes part in the Examination in his own department. Those Students who have passed the Examination are arranged in three classes, according to their respective answering. Students who come out in the first class receive a special Honorary Certificate, in addition to the usual Divinity Testimonium. All Candidates must take up either *Hebrew* or *Latin*. They may take up both. No student will be placed in the First Class who has not passed in Hebrew.

A special Certificate shall be given to such Students as shall have answered creditably in Hebrew at the final Examination, and have not previously obtained the Professor of Hebrew's Certificate.

The Course appointed for this Examination is as follows:—

1. *Old Testament.*—Genesis–Esther.

2. *New Testament.*—Romans–Revelation.
(Candidates are expected to be acquainted with the renderings of the Revised Version of the New Testament in all the books the Greek of which they have had to prepare for examination in the Divinity School.)

3. *Hebrew.*—Hebrew Grammar; and Genesis, chaps. i. to iv., and xii. to xv.

Those Students who have passed one or more Examinations with the Professor of Hebrew shall not be examined in this Course, but shall receive such marks as the Professor of Hebrew shall have awarded them.

4. *Latin.*—Rufinus, *In Symbolum Apostolorum* (ed. E. F. Morison Methuen).

5. *Ecclesiastical History.*—The portions of Robertson's *History of the Christian Church* appointed for the Hilary Term Examination and the portions of Hardwick's *History of the Reformation* appointed for the Trinity Term Examination; and also Stokes *Ireland and the Celtic Church* (6th edition), Lectures i.–vii.

6. *Liturgy and Church Government.*—The Book of Common Prayer with Procter and Frere's *New History of the Book of Common Prayer* (1901).

7. *Greek.*—St. Paul's Second Epistle to the Corinthians, and the Epistle to the Hebrews.

8 & 9. *Articles of Religion* (with Bishop Gibson's Exposition).—(8) Articles i.–xvi. (9) Articles xvii. to end.

10. A paper of questions on *Old Testament*, Job–Malachi, with special attention to the Psalms.

11. A paper of questions on the public *Prelections* of the Regius Professor.

Any Student who has kept one or more Terms in the Senior Year, may obtain permission to present himself at the Examination at the close of any Term in which he has attended Divinity Lectures, in not less than three of the subjects above numbered 1, 2, 3, 4, 5, and 6; reserving the rest for his Final Examination.

Any Student so dividing the Final Examination must complete it within seven months from the close of his third Term; otherwise he will lose credit for the marks already obtained.

When attendance upon the whole Divinity Course has been completed, the Divinity Testimonium is given in the following form:

Testamur A. B. per biennium sedulo interfuisse Prælectionibus atque Examinationibus in Sacra Theologia per leges Academicas requisitis.

——— *Professor Reg. in Sacr. Theol.*
——— *Professor in Sacr. Theol.*

E Coll. SS. Trin. juxta Dublin.

§ v. Additional Lectures.

In addition to the foregoing Lectures, which are compulsory upon all Divinity Students, instruction is also given upon various subjects in connexion with the Divinity School. These Courses are as follow:—1. Hebrew. 2. Biblical Greek. 3. Ecclesiastical History. 4. Irish. 5. Pastoral Theology. 6. Reading the Liturgy. 7. Church Music. The hours of instruction in these departments are so arranged as not to interfere with those of the Compulsory Lectures. Students are thus enabled to complete their attendance upon any or all of these Courses during the period of their ordinary Divinity studies.

The Professors of Biblical Greek, of Ecclesiastical History, and of Pastoral Theology, and the Wallace Lecturer, are authorized to grant certificates of attendance on their respective Courses to Graduates who have obtained the Divinity Testimonium, and to them only.

1. Hebrew Lectures.

1. All Students in Arts, of whatever standing, are permitted to attend Hebrew Lectures, which are continued for three years.

2. Students who have completed the first year in Hebrew may obtain from the Professor a Testimonium to that effect.

3. To complete the *first* year, the Student must attend three Terms with one of the Assistants to the Professor, the Course being as follows:—

Hebrew Grammar. Genesis, chaps. i. to iv., and xii. to xv.; 1 Kings, xvii. to xxii. and 2 Kings, i. to iii.

He must also pass an Examination in the above Course, to be held at the end of the third Term. Additional credit will be allowed at the Examination to Students who bring up also 2 Kings iv. to ix.

4. Students who have completed two years will be entitled to a Testimonium to that effect.

5. To enter upon the second year, a Student must have kept the three Terms of the first year, and passed the Examination.

6. To complete the *second* year, the Student must keep three Terms, by attendance on the Lectures of the Professor, and also on the Lectures of one of the Assistants, the Course lectured on by the Assistants being as follows:—

Psalms xlii. to lxxii.

He must also pass an Examination in this portion of the Book of Psalms, to be held at the end of the third Term.

7. To enter upon the *third* year, the Student must have kept the two former years, and passed the Examinations; and to complete the year, he must attend the Professor's Lectures for three Terms, and pass an Examination at the end of the third Term, the Course being as follows:—

Proverbs, chaps. i–ix; Ezekiel, chaps. i–v and xvii–xix; and Ruth.

8. Any Student who shall have passed a qualifying Examination to the satisfaction of the Professor, shall be permitted at once to join the Middle or Senior Class at Hebrew Lectures.

9. Students who have completed three years will be entitled to a Special Testimonium to that effect.

10. Prizes are given to the best answerers at the Annual Examinations. No Student may compete for the Prize of any Class who has not kept the three Terms of that Class immediately preceding the Examination. The names of all Students who pass the Examinations are placed in the order of merit, and published by the Professor.

11. *Prizes in Aramaic (Chaldee) and Syriac.*—At the end of Trinity Term, in each year, Premiums will be given in the Syriac and Chaldee languages, at the Examination for the Hebrew Prizes, on the following conditions:—

1. Candidates must have passed the ordinary Hebrew Examination of the first year.

2. They must answer in the following Course:

Chaldee and Syriac Grammars.

St. Mark's Gospel, ix–xvi, and St. Paul's First Epistle to Timothy, in the Peshitta Version.

The Book of Ruth (in the Hebrew and Chaldee), edited by C. H. H. Wright.

12. Candidates for the Prizes in Hebrew or Chaldee and Syriac must, in Hilary Term, on or before the day appointed in the Calendar (see Almanac), notify the Senior Lecturer.

2. BIBLICAL GREEK.

The Professor of Biblical Greek delivers a Course of public general Prelections during two of the three Academical Terms of each year.

He also delivers special Lectures on particular books of the LXX. or the New Testament to such Students as may desire to attend them. The subjects and days of Lecture are announced at the beginning of each Term.

The Examination for Prizes is held in Hilary Term. For the regulations and subjects, see p. 231.

3. ECCLESIASTICAL HISTORY.

The Professor of Ecclesiastical History delivers a Course of public general Prelections during two of the three Academical Terms of each year. The Course of Lectures is intended to extend over two years.

An Examination for Prizes is held in Trinity Term. For the regulations and subjects, see p. 232.

4. IRISH.

All Students can attend the lectures of the Professor of Irish. For the regulations and Prizes see under "Irish."

5. PASTORAL THEOLOGY.

The Professor of Pastoral Theology delivers a Course of Prelections each Term. The Lectures are delivered on Saturdays at 9.30 a.m., in the Regent House. A Student cannot obtain credit for having kept a Term if he shall have absented himself more than once.

Certificates of attendance on this Course can be given only to those who have obtained the Divinity Testimonium.

The Professor holds an Examination at the close of Trinity Term, and a Prize of £2 is presented to the best answerer.

It is part of his duty to assist in the reading and criticism of the Sermons of Students in Divinity.

6. READING THE LITURGY.

The Wallace Divinity Lecturer gives instructions once a week in voice-production and in reading.

These Lectures are attended by members of the Senior Divinity Class, and such members of the Junior Class as Archbishop King's Professor shall direct to attend.

Attendance is compulsory in case of such Students as the Professors shall direct to join it.

In order to obtain a Certificate—which can be given only to those who have obtained the Divinity Testimonium—Students must attend Lectures in Michaelmas *or* Hilary, *and* Trinity Terms.

A Student cannot obtain credit for having kept a Term if he shall have absented himself more than once. The Downes' Prizes for "Reading the Liturgy" are awarded in Trinity Term.

7. CHURCH MUSIC.

Instruction is given in Church Music on two days in the week in the College Chapel by the College Organist. Students getting credit for three terms (of which Trinity Term must be one) are entitled to certificates to that effect.

§ VI. Prizes.

THEOLOGICAL EXHIBITIONS.

For the further promotion of Theological learning, the Board of Trinity College, with the consent of the Visitors, on the 18th of December, 1858, founded "Theological Exhibitions." in place of the Prizes formerly known as the "Divinity Professor's Premiums."

The Examination for these Exhibitions is held each year at the end of Hilary Term, on the days stated in the Almanac.

To the best answerers at this Examination two Exhibitions are given, one of £60, and one of £40 per annum, provided there be sufficient merit. Each of these Exhibitions is tenable for a period not exceeding three years.

Candidates for these Exhibitions must not be of more than one year's standing as M.A., reckoned from the Michaelmas Examination of the Senior Freshman year; they must have obtained the Divinity Testimonium; and they must present themselves at the Examination immediately subsequent to the Term in which they have completed their Divinity Lectures. No person can offer himself as a Candidate a second time.

Candidates for these Exhibitions whose names have gone off the College Books, are permitted to replace them on payment of the Junior Bursar's fee of 10*s*.

The following is the Course appointed for December, 1921, and March and June, 1922:—

I.

The Old Testament—

(*a*) 1 and 2 *Chronicles* in the Septuagint.
Commentaries recommended: Curtis (*International Critical Commentary*); Benzinger (*Kurzer Hand-Commentar.*).

Swete, *Introduction to the Old Testament in Greek*: Part I, Chapters 1, 2, 3, 5; Part II, Chapters 4, 5; Part III, Chapters 2, 4, 5, 6.
Thackeray, *Grammar of the Old Testament in Greek* will be found useful.

(*b*) The Historical Books: *Judges* to the Accession of Uzziah.
Foakes Jackson, *Biblical History of the Hebrews*, chaps. 5–10.
Sayce, *The Higher Criticism and the Monuments*, chaps. 6–9.
Robertson Smith, *The Prophets of Israel*, Lectures i., ii.

II.

Hebrew.—Ezekiel, i.–v., xvii.–xix., xxv.–xxxii.

Commentary recommended—C. H. Toy, *The Polychrome Bible*.
A passage will be set from the English Bible for retranslation into Hebrew.

III.

The New Testament in Greek. Special Subject—The First Epistle to the Corinthians.

Editions recommended—Bp. Robertson and A. Plummer (*International Critical Commentary*), and G. G. Findlay (*Expositor's Greek Testament*).

Moffatt, *Introduction to the Literature of the New Testament*, Prolegomena (pp. 1–58), and pp. 108–116.

Article in Hastings' *Dictionary of the Bible: Corinthians, First Epistle to the.*

M'Neile, *St. Paul, His Life, Letters, and Christian Doctrine*, pp. 1–120; 265–307.

Salmon, *Introduction to the New Testament*, Lectures iv., v., vi., vii., xx.

Westcott and Hort, *The New Testament in Greek*—The Introduction, and so much of the Appendix as relates to the *First Epistle to the Corinthians.*

Kenyon, *Handbook to the Textual Criticism of the New Testament* (2nd ed.).

J. Armitage Robinson, *The Study of the Gospels.*

IV.

Hooker, *Ecclesiastical Polity*, Book 5.

The Doctrinal Decrees of the Council of Trent, viz. those passed in Sessions 3, 4, 5, 6, 13, 14, 21, 22, 23, 24, 25, omitting the Decrees on Reformation.

Accessible in the Tauchnitz edition of the *Canones*, &c. (Leipzig); also in Denzinger's *Enchiridion* (Stahl's edition).

Hardwick, *History of the Articles.*

Salmon, *Infallibility of the Church*, Lectures ii., iii., iv., vi., xi., xii., xiii., xiv., xviii.–xxiii.

Duchesne, *Christian Worship: its Origin and Evolution*, omitting the Appendices (2nd or 3rd English edition).

Waterland, *Doctrine of the Eucharist.* Reprinted 1896 (Clarendon Press).

R. W. Dale, *The Atonement.*

V.

(*a*) The general facts of Church History up to 700 A.D.

(*b*) Eusebius, *Ecclesiastical History* and *The Martyrs of Palestine.*

(*c*) *Special course*: Eusebius, *E. H.*, Books ii. 23–26, iii., iv.
Lawlor, *Eusebiana*, Essays i., iii., vi.
Ramsay, *The Church and the Roman Empire.*

VI.

Latin—Novatian, *De Trinitate.* Ed. Fausset (Camb. Univ. Press).
Cyprian, *Epistles* 66–75 (incl.).

Greek—Clement, *First Epistle to the Corinthians.* Ed. Lightfoot. (Camb. Univ. Press).
Smith and Wace, *Dictionary of Christian Biography*—Articles *Cyprianus, Novatianism, Novatianus*, and *Clemens Romanus.*

N.B.—The books named in Divisions I., III., V., VI. as bearing on the prescribed subject are not set for examination, but are recommended as, among others, useful for study.

VII.

[For Candidates who do not hold the Divinity Testimonium; see p. 11.]

The Examination for Theological Exhibitions will be held March 7, 8, 9.

The Examinations for B.D. Degree will be held December 6, 7, 8, 9; March 7, 8, 9 10; June 6, 7, 8, 9.

The following will be, on each occasion, the order of Examination:—

First Day, 10 a.m., Division VI.; 2 p.m., Division II.
Second Day, 10 a.m., Division I.; 2 p.m., Division III.
Third Day, 10 a.m., Division V.: 2 p.m., Division IV.
Fourth Day, 10 a.m., Division VII.

In December, 1922, the following will be substituted:—In I.. (*a*) *Daniel* (in both Greek versions, with apocryphal additions) and *Esther* in the Septuagint; (*b*) The Historical and Prophetical Books, from the Accession of Uzziah; in II., *Job*, i.–xi., xxxviii.–xli; in III., *The Second Epistle to the Corinthians*: in V., *Special Course*, Eusebius, *E. H.*, Books v.–vii.; Lawlor, *Eusebiana*, Essays ii., iii., vi.: in VI., Augustine, *De doctrina Christiana*; Ignatius, *Epistles*;—in each case with corresponding changes in the collateral books. Other changes may also be made. The whole Course for December, 1922–June, 1923, will be finally arranged and issued in or before Trinity Term, 1922.

ARCHBISHOP KING'S DIVINITY PRIZES.

These Prizes were founded by the Board in the year 1836. They are called Archbishop King's Divinity Prizes, because they are given at an annual Examination held by Archbishop King's Divinity Professor.

This Examination is held in the beginning of Michaelmas Term; and such Students only can be Candidates for the Prizes as are selected by the Examiners at the general Divinity Examination, at the end of Trinity or beginning of Michaelmas Term.

The Course for the Examination is as follows:—

1. The four Gospels and Acts of the Apostles, in English.

2. The four Gospels, the Acts of the Apostles, and the Epistles to the Romans, Galatians, and Philippians, in Greek. *Special subject*: for 1921, The Epistle to the Romans; and for 1922, The Epistles to the Galatians and Philippians.

3. Butler's *Analogy*.

4. Paley's *Evidences* and *Horæ Paulinæ*.

5. Maclear's *Introduction to the Creeds*, and Swete's *The Apostles' Creed*.

6. Sanday on *Inspiration*, Lectures I., II., III., VI., VII., VIII.

7. Liddon on *The Divinity of our Lord*, and Kirkpatrick's *Divine Library of the Old Testament*.

8. Robertson's *History of the Christian Church*, A.D. 64-590.

9. The Prelections of Archbishop King's Professor.

Two Prizes, one of £12 and the other of £8, are given to the best answerers (if sufficient merit be shown by the Candidates): and Certificates to such as answer sufficiently.

The Certificate cannot be given to any Student until he has completed his whole Divinity Course, and obtained the Divinity Testimonium.

BISHOP FORSTER'S DIVINITY PREMIUMS.

In the year 1738, the sum of £200 was given to the College by the Right Rev. Nicholas Forster, D.D., Lord Bishop of Raphoe, sometime Senior Fellow of Trinity College, Dublin, on condition that it should be applied to the purpose of encouraging the study of Theology, in connexion with the Lectures of Archbishop King's Professor of Divinity. When the office of Archbishop King's Professor was placed on a new foundation, in the year 1836, the endowment of Bishop Forster was included in the Prizes then instituted by the Board, for the Junior Divinity Class. The fund, along with the unappropriated balance of interest, produces annually about £14 10*s*., and this annual interest is distributed in Premiums to the two best answerers in the subjects of the Lectures of Archbishop King's Professor, at the Examination for Archbishop King's Divinity Prizes, if sufficient merit be shown by the Candidates.

CARSON BIBLICAL PRIZE.

In Michaelmas Term, 1891, the Rev. Joseph Carson, D.D., Vice-Provost, gave to the Provost and Senior Fellows of Trinity College the sum of £500, to found a Prize for the purpose of promoting among Divinity Students an accurate knowledge of the text of the English Bible. The Examination for the Prize is under the control and management of Archbishop King's Professor of Divinity, subject to such rules and regulations as the Provost and Senior Fellows may from time to time prescribe.

The Examination is held in the Hilary Term of each year. The Prize is open to all Students in the Junior Divinity Class, and the Examination, which is public, is conducted *viva voce*. No Student can compete for the Prize a second time.

The fund produces annually about £15 10*s*.

For the purpose of the Examination, the subject is divided into four parts, as follows:—

I. Pentateuch, and Historical Books.
II. Job to Malachi.
III. Gospels, and Acts of the Apostles.
IV. Epistles, and Revelation.

In each year, particular books of the above Course will be prescribed for *special* Examination.

The hours of Examination are from 9.30 to 12.30, and from 2 to 5.

Special Books appointed:—

For 1922—*Old Testament.*—Isaiah.

New Testament.—The Epistles to the Romans and Galatians.

TOPLADY MEMORIAL SCRIPTURE PRIZES.

Rev. William Batley, M.A., presented £210 to the Board in Trinity Term, 1906, to form an endowment for a Prize in memory of Rev. Augustus Montague Toplady, Hymn-writer and Theologian.

The Prizes are given for knowledge of Holy Scripture (as distinct from general theological knowledge).

No book except the Bible (or Greek Testament) may be given as a Prize in connexion with this endowment which contains, in the opinion of those appointed to control the selection of the prize books, direct theological teaching.

The Prize, amounting to about £6 5*s*., is awarded annually to the Candidate next in merit to the Prizeman at the examination for the Carson Biblical Prize.

DOWNES DIVINITY PREMIUMS.

In the year 1797, these Premiums were established out of a fund bequeathed to the College for the purpose, by the Rev. Dr. Downes, of Waterford. The fund produces annually about £39. The regulations concerning these Prizes (which are open to all Students in Divinity during the two terms antecedent to that in which the examinations are held) are as follows:—

1. *Written Composition.*—The Examiners are the Regius Professor of Divinity, Archbishop King's Professor of Divinity, and the Professor of Oratory. The subject is announced in the last week of Hilary Term by Archbishop King's Professor. On an appointed day in Trinity Term the Candidates deliver discourses on the proposed subject without hesitation, no discourse to exceed one quarter of an hour in delivery. A Premium of about £12 is adjudged to the best, and one of about £8 to the next best, or such inferior Premiums as they shall appear to merit, regard being had as well to the manner of pronouncing such discourses as to the matter of them. No Candidate can compete oftener than three times.

2. *Oratory.*—Prizes of about £6 and £4 are placed at the disposal of the Professor of Pastoral Theology each Trinity Term, to be awarded at his discretion to those Students who have profited most by his instructions in preaching and in the delivery of sermons. No Candidate can obtain either Prize a second time.

3. *Reading the Liturgy.*—Prizes of about £5 and £2 are placed at the disposal of the Wallace Lecturer each Trinity Term to be awarded at his discretion to those Students who have profited most by his instructions. No Candidate can obtain either Prize a second time.

The following is an extract from the will of Dr. Downes, respecting the disposal of unappropriated Premiums:—

"And whereas it may from time to time so happen that Candidates meriting such Premiums may not appear, in such case, the savings in each year shall go to the augmentation of the fund, and be laid out, from time to time, in the purchase of Government securities, the interest thereof to be added to the fund for the increase of said Premiums in future."

Dr. Downes also founded certain Exhibitions, to be held by Students in Divinity. The conditions on which these Exhibitions are awarded will be found under the title "Downes Exhibitions."

CHURCH FORMULARIES PRIZE.

An Annual Prize of £10 was founded in the year 1868, by the Right Hon. Robert R. Warren, late M.P. for the University, in order to encourage the study of the Creeds and Articles of the Church. This Prize is given to the best answerer in the Church Formularies at the Final Divinity Examination held by the Regius Professor in Trinity Term, provided sufficient general merit be shown.

O'REGAN MEMORIAL PRIZE.

An Annual Prize of £5 is awarded to the best answerer at the Final Divinity Examination.

It was founded in 1918 by the son of the Ven. John O'Regan, Archdeacon of Kildare (Sch. 1841), to perpetuate the memory of his father, who obtained full marks from each of the nine examiners at the Final Divinity Examination in 1846.

A memoir of Archdeacon O'Regan, by his son, is also presented to the winner.

RYAN PRIZE.

In 1812 a debenture of £100 was granted to Trinity College by Edward Ryan, Esq., for the purpose of founding a Prize.

At the end of Trinity Term this Prize is awarded by Archbishop King's Professor to that member of the Junior Divinity Class (being under M.A. standing) who shall have been most diligent in attendance at Composition Lectures. The quality of the Essays written during the year will be taken into consideration.

The Fund invested produces annually about £3. The Prize is payable in November by the Bursar.

PRIZES IN BIBLICAL GREEK.

These Prizes were founded by the Board in the year 1840. A sum of £15 is placed at the disposal of the Professor of Biblical Greek, to be given in Prizes to the best answerers at an Annual Examination, which is held in Hilary Term, on a day arranged at the end of the preceding Michaelmas Term. Candidates must notify the

Senior Lecturer in Michaelmas Term on or before the day appointed in the Calendar (see Almanac).

Candidates for Prizes at this Examination must be at least of Junior Sophister standing.

Course for 1922.—I and II Chronicles.
St. Matthew and St. Mark.
Swete: Introduction to the Old Testament in Greek, chaps. 1 to 3.
The Lectures of the Professor.

PRIZES IN ECCLESIASTICAL HISTORY.

THESE Prizes were founded by the Board in the year 1851. They consist of two Premiums, one of £10, the other of £5, given at an Annual Examination, held by the Professor of Ecclesiastical History. The Examination is held in Trinity Term, and is open to such Students as shall have attended the Professor's Lectures during two Terms of the actual year in which they present themselves as Candidates.

Course for 1922.

Robertson's *History of the Christian Church*, A.D. 64–590.
Eusebius' *Ecclesiastical History*.
The Professor's *Lectures*.

ROBERT KING MEMORIAL PRIZE IN ECCLESIASTICAL HISTORY.

On June 28, 1902, the friends of the late Rev. Robert King, B.A. (Sch., 1835), presented the sum of £112 to the Board for the purpose of founding a Prize in memory of him. The following conditions were suggested by the subscribers, and agreed to by the Board:—

1. That the money be invested, and the interest be awarded as a Prize to the best answerer in Ecclesiastical History at the Final Divinity Examination held in Trinity Term, provided sufficient merit is shown.
2. That the Prize be known as the "Robert King Memorial Prize in Ecclesiastical History."
3. That, if in any year sufficient merit is not shown, the interest for that year be added to the capital.

The fund invested produces annually about £3 10*s*.

BEDELL SCHOLARSHIPS.

The Committee of the Irish Society, with the sanction of the Provost and Senior Fellows of Trinity College, founded in 1845 two Scholarships in the University, denominated "The Bedell Scholarships," and placed them under the superintendence of Trustees, named by the founders.

The Scholarships are designed for such Students only as give reasonable hope that they will be competent on their ordination to

preach in the Irish Language. One Scholar is elected whenever a vacancy takes place.

The regulations are as follow:—

1. The value of each Scholarship shall be £20 per annum, payable half yearly, in the last weeks of October and April.

2. An Examination of Candidates shall be held annually, as soon after the Trinity Term Examination as possible, on a date to be fixed by the Trustees, in conjunction with the Professor of Irish.

3. The Scholarships shall be open to Students of any standing in the University, unless they be Irish Sizars; and shall be tenable by them for four years, if they shall keep their names so long on the College Books, and have not been admitted to Holy Orders.

4. They shall be required to reside in or near Dublin, and to attend the Lectures of the Professor of Irish (if not specially exempted by the Trustees of this fund), and to attend also Divinity Lectures, when of sufficient standing.

5. They shall be required to pass an Annual Examination, at the commencement of Michaelmas Term, in the Irish Language. The subjects of this Examination to be fixed by the Trustees, in conjunction with the Professor of Irish.

6. On the day of payment in April, the Scholars shall produce to the Trustees, or their Secretary, a certificate from the Professor of Irish, that they have satisfactorily passed the above-mentioned Annual Examination in Irish; they shall also obtain from their College Tutors, and at the same time present to the Trustees, or their Secretary, a certificate of the judgments and Honors, if any, which were given to them at the Term, Catechetical, and Divinity Examinations during the previous year.

7. On failure of any of these conditions, the payment then due shall be withheld; and on a second failure, the Scholarship shall become void.

8. The names of the Candidates, and their qualifications, shall be returned, after the Examination, to the Trustees, in whom the election shall be vested.

At the Examination for the Bedell Scholarship, the best answerer of the unsuccessful Candidates, if recommended by the Professor of Irish, obtains a prize of £10.

The following subjects have been appointed for the Examination for the Bedell Scholarship:—

1. Irish Grammar.
2. Translation of the Gospels from Irish into English, and *vice versâ*.
3. The Lord's Prayer, Creed, and Ten Commandments, in Irish, by heart: the Creed proved from Holy Scripture.
4. The Thirty-nine Articles proved from Holy Scripture.
5. Composition.

ANNUAL EXAMINATIONS.

First Year.

1. Translation of Pentateuch.
2. Irish Prayer Book, Morning Prayer.
3. Church Catechism in Irish by heart with Scripture Proofs.
4. Irish Composition.

Second Year.

1. Translation of Epistles.
2. Irish Prayer Book, Evening Service and Litany.
3. Irish Composition.
4. Declamation in Irish (Extempore).

Third Year.

1. Historical Books of Irish Bible.
2. Irish Prayer Book, Occasional Prayers, &c., Holy Communion, and Baptismal Office.
3. Irish Composition.
4. Declamation in Irish.

Fourth Year.

1. Remaining Books of Irish Bible.
2. Irish Prayer Book, Marriage and Burial Offices and Psalms.
3. Irish Composition.
4. Declamation in Irish.

KYLE IRISH PRIZE.

A Prize for the encouragement of the Study of the Irish Language was founded in the University in 1852, in commemoration of the Right Rev. Samuel Kyle, Bishop of Cork, Cloyne, and Ross, and formerly Provost of Trinity College. The following are the Resolutions entered into by the Trustees of the Fund, and agreed to by the Provost and Senior Fellows:—

1. That the Funds collected shall be invested in Government securities, or Bank Stock, in the joint names of the Provost and Senior Fellows of Trinity College, the Professor of Irish, and the Dean and Archdeacon of Cork, all for the time being.

2. That the Endowment shall consist of one year's interest of the principal sum so invested.

3. The Kyle Irish Prize is to be competed for by Candidates in priority as follows:—(1) Diocese of Cork, Cloyne, and Ross, (2) Limerick, Ardfert, and Aghadoe; (3) Killaloe, Kilfenora, Clonfert, and Kilmacduagh; (4) Tuam, Killala, and Achonry; (5) Raphoe. Failing deserving Candidates from these Dioceses, Candidates are to be accepted from any other part of Ireland.

4. The Kyle Prize to be attainable only by Divinity Students, at an annual Examination in the Irish Language, held during their Divinity Course.

5. The Divinity Student so obtaining the Prize may again become a Candidate for it in the next succeeding year, but not oftener, nor can he hold it for more than two years.

6. The Candidates for Examination shall be examined in the Irish Grammar, the Four Gospels, the Acts of the Apostles, the Epistle to the Romans, 1st and 2nd Timothy, the Epistle to the Hebrews, and Composition.

7. In the event of there being, in any year, no Candidate for the Prize, or want of sufficient merit, the interest of the sum so invested in the Funds shall be added to the principal sum.

The fund invested produces annually about £11.

THE WILLIAM BROOKE EXHIBITION.

(Greek Testament.)

A sum of money having been subscribed in memory of the late Right Hon. William Brooke, the following resolutions were adopted at meetings of the "William Brooke Memorial Committee," held on the 1st and 8th of November, 1881, and on the 27th of February, 1882:—

"That an Exhibition for Students attending Divinity Lectures, preparatory to taking Orders in the Church of Ireland, shall be founded as a Memorial of the late Right Honourable William Brooke."

"That acquaintance with the Greek Testament shall be the qualification for such Exhibition, regard being also had to personal character, and insufficiency of private means."

The following Regulations were also adopted:—

1. The sum of £500, and such other sums as may be contributed for the purpose, shall be held by the Representative Body of the Church of Ireland for the use of the "William Brooke Exhibition."

2. The interest of this Fund shall be paid every year to an Exhibitioner elected by a Board, consisting of the Archbishop of Dublin, the Regius Professor of Divinity, and the Professor of Biblical Greek, all for the time being; two of whom shall form a quorum.

3. Candidates for this Exhibition shall satisfy the Board as to their good character, their intention to enter the Ministry of the Church of Ireland, and the insufficiency of their means to pay the expenses of a theological education.

4. In electing a Candidate so qualified, regard shall be had to his answering in the Greek Testament at the final Examination of the Junior Divinity Class, or at such other Examination as shall be appointed by the Board, who shall also have power to withhold the Exhibition if they shall not be satisfied with the qualifications or answering of the Candidates.

5. The Candidate so elected shall hold the Exhibition for one year on condition of his proceeding regularly with the Divinity Course during that year.

6. In the event of the interest for any year not having been wholly expended during that year, the Board shall place the unexpended portion to the credit of the capital of the Fund.

7. It shall be lawful for the General Synod of the Church of Ireland by Act duly passed, and also for the Board by Resolution, to vary the Regulations of the said Exhibition, as may from time to time appear expedient, in any manner consistent with the Resolutions adopted by the Committee at their meetings aforesaid: provided that any Resolutions passed by the Board for this purpose shall be presented to the General Synod at its first meeting after the passing of such Resolution.

The following Exhibitions are awarded without a Special Examination:—

BUTCHER EXHIBITIONS.

A sum of money having been subscribed in memory of the Most Rev. Samuel Butcher, D.D., late Bishop of Meath, the following plan for the application of the Fund was agreed to at a Meeting of the "Butcher Memorial Committee," held on 24th April, 1877, the Provost in the Chair, and adopted by the General Synod, April 26th, 1877:—

The interest on the money in the hands of the Representative Body to the credit of the above Fund (when it shall have reached the sum of £2500), and of such further sums as may be paid in to its credit as subscriptions, or unallocated interest (as hereinafter referred to), to be applied in providing Exhibitions in connexion with the Divinity School of the Church of Ireland, to be called the "BUTCHER EXHIBITIONS," under the following rules:—

1st. That the Exhibitions be awarded by a Board, consisting of the Archbishop of Dublin, for the time being; the Bishop of Meath, for the time being; and the Regius Professor of Divinity, for the time being; or (in the event of there being no Regius Professor of Divinity) the Professor who may discharge the duties now discharged by him; two of whom shall form a quorum.

2nd. That the Exhibitions be conferred on meritorious Divinity Students who purpose entering the ministry of the Church of Ireland, and who in consequence of their limited means may require assistance in completing their theological education, regard at the same time being had to their attainments and their general fitness for the ministry of the Church.

3rd. That these Exhibitions be conferred on Students who shall have completed their Junior Divinity year, and be tenable during their Senior year, on condition of their duly proceeding with their Divinity Course.

4th. That the Board determine the number and amount of the several Exhibitions, provided that the amount of any one shall not be more than £50 or less than £25.

5th. That in the event of there not being a sufficient number of deserving and qualified Candidates, or the entire interest on the Fund within any year not being expended, from any other cause, the Board be empowered to place the unapplied portion of the annual interest to the credit of the capital of the Fund.

6th. That the Exhibitions be paid quarterly, on 1st Oct., 1st Jan., 1st April, and 1st July, in each year, by an order on the Representative Body, signed by the Regius or other Professor of Divinity on the Board.

7th. That it be in the power of the General Synod, on the application of the Board, to vary the foregoing regulations as circumstances may require.

8th. That in the case of unavoidable absence, any member of the Board be empowered to appoint, by writing, a substitute to act for him.

DAUNT MEMORIAL EXHIBITIONS.

A sum of money having been subscribed in memory of the late Very Rev. Achilles Daunt, Dean of Cork, the following plan for the application of the fund was adopted at a Meeting of the Daunt Memorial Committee, held June 26, 1879, the Bishop of Cashel in the Chair, and approved by the General Synod of the Church of Ireland, April 27, 1880:—

1. That the Exhibitions be awarded by a Board, consisting of the Archbishop of Dublin, for the time being; the Regius Professor of Divinity, for the time being, or (in the event of there being no Regius Professor of Divinity) the Professor who may discharge the duties now discharged by him in connexion with the Divinity School; and the Incumbent of St. Matthias's Church, for the time being; two of whom shall form a quorum.
2. That the Exhibitions be conferred on meritorious Divinity Students who purpose entering the ministry of the Church of Ireland, and who, in consequence of their limited means, may require assistance in completing their theological education, regard at the same time being had to their attainments and their general fitness for the ministry of the Church.
3. That these Exhibitions be conferred on students who shall have commenced their Junior Divinity year, and be tenable during the Junior year, on condition of their duly proceeding with their Divinity Course.
4. That the Board determine the number and amounts of the several Exhibitions, provided that the amount of any one shall not be more than £40 or less than £20.
5. That in the event of there not being a sufficient number of deserving and qualified candidates, or the entire interest on the fund within any year not being expended from any other cause, the Board be empowered to place the unapplied portion of the annual interest to the credit of the capital of the fund.
6. That the Exhibitions be paid quarterly, on 1st October, 1st January, 1st April, and 1st July in each year, by an order on the Representative Body, signed by the Regius or other Professor of Divinity on the Board.
7. That it be in the power of the General Synod, on the application of the Board, to vary the foregoing regulations as circumstances may require.
8. That in the case of unavoidable absence, any member of the Board be empowered to appoint, by writing, a substitute to act for him.

The Regius Professor of Divinity receives applications for the Daunt and Butcher Exhibitions in the first week of Divinity Lectures of Michaelmas Term.

SALMON EXHIBITION.

This Exhibition, of the value of £20, being the interest on a sum of £500 left in the hands of the Representative Church Body by the late Rev. George Salmon, D.D., sometime Regius Professor of Divinity, and afterwards Provost of Trinity College, to be applied "as the interests of the Divinity School may require," is awarded annually in Michaelmas Term on the same conditions as the Daunt Memorial Exhibitions. The "Salmon Exhibition" is awarded by a Board consisting of the Archbishop of Dublin, the Provost of Trinity College (if a Member of the Church of Ireland, or, failing him, the Senior of the Fellows who is a Member of that Church), the Regius Professor of Divinity, and Archbishop King's Professor of Divinity, the Archbishop of Dublin having a casting vote in case of an equality of votes.

CARSON MEMORIAL EXHIBITION.

In Michaelmas Term, 1898, a sum of £180 Bank of Ireland Stock, equivalent to about £700 cash, was given by Miss Frances Anna Carson to found an Exhibition in the Divinity School, in memory of her father, the late Rev. Joseph Carson, D.D., Vice-Provost of Trinity College. The sum yields annually about £20.

The following Regulations were suggested by the donor, and have been adopted by the Provost and Senior Fellows:—

1. The Exhibition shall be called the Carson Memorial Exhibition.

2. It shall be awarded annually by a Board consisting of the Provost, the Regius Professor of Divinity, and Archbishop King's Professor.

3. This Board shall, in Michaelmas Term, elect as Exhibitioner a Student who, in that Term, shall have entered the Senior Divinity Class and shall declare his intention of offering himself for the ministry of the Church of Ireland or some Church in communion therewith.

4. In electing, the Board shall have regard to the character, ability, attainments, and general promise of fitness for the sacred office, of such Student, as well as to his need of pecuniary assistance.

5. The Exhibitioner is entitled to receive in December the dividend of the preceding August, on his producing a certificate from the Regius Professor, that he has satisfied the requirements of the School to the end of Michaelmas Term; and the February dividend in June, on production of a similar certificate for Trinity Term.

6. The Exhibitioner shall be required, on election, to promise that he will not receive Holy Orders until he shall have obtained the Divinity Testimonium.

WALLACE EXHIBITION.

In Trinity Term, 1899, the Rev. William Wallace, D.D., Litt.D., gave to the College a sum of £500 to found an Exhibition in the Divinity School.

The following Regulations have been adopted by the Provost and Senior Fellows:—

1. The Exhibition shall be called the Wallace Exhibition.

2. It shall be awarded annually by a Board consisting of the Provost, the Regius Professor of Divinity, and Archbishop King's Professor, provided always, that if the Provost for the time being be not a member of the Church of Ireland, the Senior of the Fellows who is such shall take his place on the electing Board. it being the intention of the Donor that the Board shall always consist of Members of the Church of Ireland.

3. The remaining Regulations shall correspond with those in force for the Carson Memorial Exhibition.

The Fund given by Dr. Wallace produces annually about £13.

BELSHAW SCHOLARSHIPS.

In the year 1911 Mr. Robert Redman Belshaw founded four Scholarships to be awarded, one each year, if suitable candidates present themselves. A Candidate must be a Student in the Divinity School and a Student in Arts of Trinity College, Dublin. He must also have offered himself to, and have been accepted by, the Church Missionary Society as a fit person to be trained to become a Missionary of the Gospel in Foreign Parts. The Scholarships are to be called, The Belshaw, The Beddy, The John Jacob, and The Christian Jacob, respectively. Each Scholarship is of the annual value of £40, and is held for two or three years as the Trustees may direct. The Scholarship is awarded to the best answerer amongst the suitable Candidates at an examination to be held not oftener than once a year. Candidates should send their names and lists of qualifications to Archbishop King's Professor of Divinity as soon as possible after the beginning of the Academic Year in October. Women intending to be Missionaries, and provisionally accepted as such, are eligible for these Scholarships provided they are Students in the Divinity School.

ARRANGEMENTS FOR 1921-22.

I.—Lectures.

	Begin		End	
Michaelmas Term, 1921 :—				
Senior Class, .	Fri.,	Oct. 21,	Tues.,	Dec. 13.
Junior ,, .	Thurs.,	Oct. 20,	Mon.,	Dec. 12.
Hebrew, .	Thurs.,	Nov. 3,	Thurs.,	Dec. 15.
Pastoral Theology,	Sat.,	Oct. 29,	Sat.,	Dec. 3.
Hilary Term, 1922 :—				
Senior Class, .	Fri.,	Jan. 20,	Tues.,	Mar. 14.
Junior ,, .	Mon.,	Jan. 23,	Thurs.,	Mar. 16.
Hebrew, .	Thurs.,	Feb. 2,	Thurs.,	Mar. 16.
Pastoral Theology,	Sat.,	Jan. 28,	Sat.,	Mar. 4.
Trinity Term, 1922 :—				
Senior Class, .	Fri.,	April 21,	Tues.,	June 13.
Junior ,, .	Thurs.,	April 20,	Thurs.,	June 15.
Hebrew, .	Tues.,	May 9,	Thurs.,	June 15.
Pastoral Theology,	Sat.,	April 29,	Sat.,	June 3.
Michaelmas Term, 1922 :—				
Senior Class, .	Fri.,	Oct. 20,	Tues.,	Dec. 12.
Junior ,, .	Thurs.,	Oct. 19,	Mon.,	Dec. 11.
Hebrew, .	Tues.,	Nov. 7,	Thurs.,	Dec. 14.
Pastoral Theology,	Sat.,	Oct. 28,	Sat.,	Dec. 2.

II.—Ordinary Examinations.

Michaelmas Term, 1921 :—		
Senior Class (1st Supplemental), . .	Tues.,	Oct. 18.
,, ,, (2nd ,,), . .	Wed.,	Dec. 14.
Junior ,, (1st Supplemental), . .	Mon.,	Oct. 17.
,, ,, (2nd ,,), . .	Tues.,	Dec. 13.
Hilary Term, 1922 :—		
Senior Class (Supplemental), . .	Wed.,	Mar. 15.
Junior ,, ,, . .	Fri.,	Mar. 17.
Trinity Term, 1922 :—		
Senior Class (Final), . .	Wed.,	June 14.
Junior ,, (General), . .	Fri.,	June 16.
Michaelmas Term, 1922 :—		
Senior Class (1st Supplemental), . .	Tues.,	Oct. 17.
,, ,, (2nd ,,), . .	Wed.,	Dec. 13.
Junior ,, (1st ,,), . .	Mon.,	Oct. 16.
,, ,, (2nd ,,), . .	Tues.,	Dec. 12.

III.—Entrance Examinations.

Michaelmas Term, 1921,	Wed., October 19.
Hilary Term, 1922, .	Sat., January 21.
Trinity Term, 1922, .	Wed., April 19.
Michaelmas Term, 1922,	Wed., October 18.

IV.—Exhibition and Prize Examinations.

Michaelmas Term, 1921,	Archbishop King's Prizes and Bishop Forster's Premiums, Wed., Oct. 19.
Hilary Term, 1922, .	Carson and Toplady Prizes, Tues., Feb. 21. Theological Exhibitions, Tues., Wed., and Thurs., March 7, 8, 9.
Trinity Term, 1922, .	*Biblical Greek Prizes. *Ecclesiastical History Prizes. Dr. Downes' Premiums:—Written Essay, Wed., May 10; Extempore Speaking, Wed., May 17; Reading the Liturgy, Wed., May 24, Wed., May 31. *Wall Biblical Scholarship. *Hebrew Premiums.
Michaelmas Term, 1922,	Archbishop King's Prizes and Bishop Forster's Premiums, Wed., Oct. 18.

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* Not confined to Divinity Students. Notice must be given to the Senior Lecturer. See under "Notice."

LAW SCHOOL.

THE Law School of the University of Dublin is under the control of the Provost and Senior Fellows of Trinity College, who, however, act in concurrence with the Benchers of the King's Inns.

The Lectures delivered in the Law School of the University, taken along with those delivered at the King's Inns, constitute a complete Course of instruction in Theoretical, Scientific, and Practical Law.

Students joining the Law School are requested to enter their names with the Registrar of the School at the beginning of Michaelmas Term. Certificates for attendance at Lectures (Ordinary or Honor), or for passing examinations, and recognition of professional privileges, will be granted to Registered Students only. Solicitors' Apprentices who are not Students of Trinity College are required to pay a fee of £3 3*s.* to the Junior Bursar on registration.

The staff of the Law School consists of the following:—

The Regius Professor of Laws.[a]
The Regius Professor of Feudal and English Law.
The Lecturer in Civil Law and General Jurisprudence.
The Reid Professor of Constitutional and Criminal Law.
The Reader in Indian Law.

REGULATIONS.

Regius Professor of Laws.

The Regius Professor of Laws lectures on *Jurisprudence and International Law* on Tuesdays and Fridays at 10 o'clock. a.m., and is bound to deliver not less than twelve Lectures in each of the three College Terms.

The Subjects of the Lectures are as follows:—

MICHAELMAS TERM.

The elements of Analytical Jurisprudence.

HILARY TERM.

The nature, source, and development of International Law. The rights and duties of States in time of peace.

TRINITY TERM.

International Disputes. The Law of War. The Law of Neutrality.

[a] The Professorship, in the Statutes of Charles I., is described as the Profession of Jurisprudence, and the Professor, in the Letters Patent of Charles II., is styled. "Our Professor of the Laws." In the Decrees of the Board and Visitors, the title generally used is that of the Professor of Civil Law. The above is the style adopted by the Professor in his official acts.

Regius Professor of Feudal and English Law.

The Regius Professor of Feudal and English Law lectures (on Wednesdays and Saturdays at 9 o'clock, a.m.) on *The Law of Property*, and is bound to deliver not less than twelve Lectures in each of the three College Terms.

The Subjects of the Lectures are as follows:—

MICHAELMAS TERM. The origin and development of the law of Real Property. Tenure and Estates. Freehold and Leasehold Interests, Uses and Trusts.

HILARY TERM. Future Interests. Co-Ownership. Mortgages. The Transfer of Ownership inter vivos and on death.

TRINITY TERM. Involuntary Alienation. Incorporeal Hereditaments (including Easements). The Irish Land Acts and Land Purchase Acts.

[The following text-books may be referred to as dealing with the matters discussed in the Lectures: Williams, Real Property; Strahan and Baxter, General View of the Law of Property; Goodeve, Modern Law of Real Property.]

The Lecturer in Civil Law and General Jurisprudence.

The Lecturer in Civil Law and General Jurisprudence lectures in each of the three College Terms on Tuesdays and Fridays at 9 o'clock, a.m.

The Subject is *Roman Law*, and the Books used will be:—

The Institutes of Justinian (Moyle's Edition).
Leage, Roman Private Law.

Reid Professor of Constitutional and Criminal Law.

The Reid Professor lectures during the year on the following subjects:—

MICHAELMAS TERM. Constitutional Law and History.

HILARY TERM. Criminal Law and Procedure.

TRINITY TERM. The Law of Evidence.

The Reid Professor lectures on Mondays and Thursdays at 9 o'clock, a.m., and twelve Lectures at least are delivered in each Term. The Lectures on Penal Legislation are open to the public. A fee of One Guinea a Term is payable by other Students (not being Students of Trinity College or of the King's Inns or Solicitors' apprentices) who attend the second and third Courses of Lectures.

Reader in Indian Law.

The Reader in Indian Law lectures selected Candidates for the Indian Civil Service.

The Ordinary Law Lectures are open to Students and to the Public, save as above mentioned, without payment, and no Fee is required from Students of the King's Inns beyond that already paid by them on admission into that Society.

Honor Lectures.

Honor Lectures are delivered on the Law subjects of the Honor, Prize, and Moderatorship Courses by the Professors of the Law School: see under LEGAL AND POLITICAL SCIENCE for Courses.

These Lectures are as follows:—

JUNIOR SOPHISTERS.

Michaelmas Term.

*Jurisprudence. *Roman Law.	Constitutional History.

Hilary Term.

*Roman Law. *International Law.	*Constitutional Law.

Trinity Term.

*Roman Law. *International Law.	Law of Evidence.

Lectures marked thus * are intended to supplement the ordinary Lectures on the given subject.

SENIOR SOPHISTERS.

Michaelmas Term.

Historical Jurisprudence. Equity.	Law of Contract.

Hilary Term.

Equity.	Law of Torts.

Trinity Term.

Private International Law. Equity.	Legal History.

Lectures on Economics, Political Science, and Economic History are also available for Junior and Senior Sophisters.

It is the duty of each Professor to attend the Examination in person while the Students are engaged upon his Paper. In case he is unable so to attend, he is bound to give notice thereof to the Registrar of the Law School. On receiving such notice, the Registrar is required to provide a substitute from among the Fellows and Professors, whose duty it is to keep the Hall during such Examination.

The Professors are bound at the end of Michaelmas and Hilary Terms to furnish to the Senior Lecturer a List of all Students having their names on the College Books, and of all King's Inns Students or Solicitors' Apprentices who have credit for the Term. At the end of Trinity Term they are bound to furnish to the Senior Lecturer a List of all Students having their names on the College Books, and of all King's Inns Students or Solicitors' Apprentices who have credit for the Term, as well as of those who have obtained Academic credit for the year.

KEEPING OF TERMS.

A Term is kept by attendance at three-fourths of the Lectures, and by passing the Examination held at the end of the Term.

A General Examination is held by each Professor in Trinity Term at the end of the Academic year.

To obtain Academic credit for the year with any Professor, Students must keep three consecutive Terms, commencing with Michaelmas Term, and pass the General Examination held at the close of Trinity Term.

Any Student who fails to pass a Term Examination may, with the permission of the Examiner, present himself at a Supplemental Examination to be held in the following Term.

For any Supplemental Examination a fee of £1 1*s.* must be paid to the Junior Bursar before the Examination.

To obtain the certificate required by the Benchers, the answering at a Term Examination must not fall below 30 per cent. with any Examiner, and at a General Examination an average of 40 per cent. with two Examiners is required, and the answering must not fall below 35 per cent. with either.

LAW PREMIUMS.

At the end of Trinity Term Prizes amounting to £45 may be awarded by the Professors at their discretion to the best answerers among the Students whose names are on the College Books, and who have obtained Academic credit for the year. The merits of the Candidates will be determined by the aggregate of marks obtained by them at the three Examinations which follow, respectively, the Michaelmas, Hilary, and Trinity Courses of Lectures.

DUTIES OF THE REGISTRAR OF THE LAW SCHOOL.

It shall be the duty of the Registrar of the Law School to copy the Lists furnished by the Professors to the Senior Lecturer into separate Books, to be provided for that purpose.

It shall be the duty of the Registrar of the Law School to give to all Students, including those of the King's Inns, such certificates of attendance as they may be entitled to and may require.

The Registrar of the Law School shall be authorised to issue Certificates of Attendance on the lectures of the Professors of the Law School by Solicitors' Apprentices who are not Students of Trinity College, on condition that for each year of such attendance, a fee of £3 3*s.* shall be paid to the Junior Bursar, Trinity College, by every such apprentice who requires a Certificate.

REGULATIONS *of the University with regard to Degrees in Law.*

The Regius Professor of Laws is Moderator in all disputations for Degrees in Law, and presents the Candidates for those Degrees at the Commencements.

The Degrees are Bachelor and Doctor *in utroque Jure.*

1. *Bachelor in Laws* (*LL.B.*).

A *Bachelor in Laws* must have taken the Degree of Bachelor in Arts or the Degree of Master in Arts of the University of Dublin (unless he seek the degree *ad eundem* as an LL.B. of Cambridge, or a B.C.L. of Oxford; see page 16). He must also have passed the following Examinations:—

1. The Intermediate Examination in Law.
2. The Final Examination for the Degree of LL.B.

Text-books given in brackets are intended to indicate approximately the general knowledge required of Candidates under each head.

2. *The Intermediate Examination in Law.*

Candidates may present themselves at this Examination if they have kept one term *by examination* in the Junior Sophister year.

The subjects of examination and the marks assigned to each subject shall be as follows:—

1. Jurisprudence—100 marks.
   [Holland, Elements of Jurisprudence.
   Markby, Elements of Law.
   Maine, Ancient Law (edited Pollock).]
2. International Law—100 marks.
   [Lawrence, Principles of International Law.
   Hall, International Law.
   Pitt Cobbett, Leading Cases in International Law.]
3. Roman Law—150 marks.
   ["The Institutes" of Justinian, edited by J. B. Moyle.
   Leage, Roman Private Law.]
4. Constitutional Law and History—150 marks.
   [Dicey, Introduction to the Study of the Law of the Constitution (latest Edition).
   Anson, Law and Custom of the Constitution.
   Thomas, Leading Cases in Constitutional Law.]

3. *The Final Examination for the Degree of LL.B.*

Candidates who have passed the Intermediate Examination in Law may present themselves at this examination, provided that they are in a position to present themselves for the examination for the Degree of B.A., or have already passed the Examination for the Degree of B.A.

The subjects of examination and the marks assigned to each subject shall be as follows :—

1. The Law of Property (Real and Personal)—250 marks.
   [Strahan, General View of the Law of Property.
   Williams, Law of Real Property.
   Goodeve, Law of Real Property.]
2. The Law of Obligations—200 marks.
   [Anson, Principles of the English Law of Contract.
   Pollock, The Law of Torts.]
3. Equity—150 marks.
   [Strahan and Kenrick, Digest of Equity ;
   H. A. Smith, Principles of Equity.]
4. Criminal Law—75 marks.
   [Kenny, Outlines of Criminal Law.]
5. The Law of Evidence—75 marks.
   [Stephen, Digest of the Law of Evidence.]

Candidates who have credit for attendance on the Lectures of the Reader in Dutch-Roman Law, or who have obtained special permission, may substitute for 1. "The Law of Property (Real and Personal)" the following subject :—

1. (*a*) Roman-Dutch Law, . . 250 marks.
   [Van der Linden, Institutes of the Law of Holland ;
   Grotius, Introduction to Dutch Jurisprudence ;
   Van der Kessel, Theses Selectae :
   Van Leeuwen, Commentaries on Roman-Dutch Law.]

Such Candidates may, further, substitute for 3. "Equity" the following subject :—

3. (*a*) Roman and Roman-Dutch Law, Special Course, 150 marks.
   Justinian, Digest, Lib. 46, Titles 1, 2.
   Voet, Ad Pandectas, Lib. 46, Titles 1, 2.

Candidates selected for the Civil Service of India, or engaged in that service, or persons who have credit for attendance on the lectures of the Reader in Indian Law, or who have obtained special

permission, may substitute for—1. "The Law of Property (Real and Personal)" the following subject:—

1. (*a*) Hindu and Muhammadan Law, 250 marks.

[Mayne, Hindu Law and Usage;
Sir R. K. Wilson, Digest of Anglo-Muhammadan Law.]

Such Candidates may, further, substitute for—4. "Criminal Law" the following subject:—

4. (*a*) Indian Criminal Law and Procedure, 75 marks.

[Indian Penal Code;
The Code of Criminal Procedure.]

And for—5. "The Law of Evidence" the following subject:—

5. (*a*) The Indian Evidence Act, 75 marks.

Candidates for either the Intermediate Examination or the Final Examination are required to give fourteen days' notice to the Registrar of the Law School, and to pay to the Senior Proctor at the same time an examination fee of £2 2*s*. Fees so paid will be allowed, up to the amount of £6 6*s*., in part payment for the Degree fee of £11 15*s*.

Graduates of Oxford or Cambridge must pay the fees necessary for the Degree *ad eundem* which they propose to take previous to presenting themselves at the Examination for the Degree of LL.B. or LL.D. (See p. 16.)

II.—*Doctor in Laws* (*LL.D.*).

A Doctor in Laws must be a B.A. of three years' standing in either Dublin, Oxford, or Cambridge; and must have taken the LL.B. degree either by examination or *ad eundem* as an LL.B. of Cambridge, or as a B.C.L. of Oxford (see p. 16). Fee, £11 15*s*. Furthermore, the examination for the degree of LL.B. in Dublin, or Cambridge, or that for the B.C.L. in Oxford, must have been passed at least one year previously; though in special cases the Board may relax this rule. The fee for the Degree of LL.D. is £22.

Candidates may qualify themselves to obtain the Degree in one of three ways—

(1). By passing an Examination.

(2). By presenting an unpublished Thesis on a subject connected with legal or political studies, of merit sufficient, in the judgment of the Examiners, to entitle the candidate to the Degree. The Examiners have power, if they consider it necessary, to examine the candidate on the subject-matter of his Thesis, as well as on subjects connected therewith.

A candidate who adopts this method is required to notify to the Registrar of the Law School, for the consideration of the Professors, not later than six months before Commencements, the subject on which he proposes to submit a Thesis. He will then be informed whether in the opinion of the Professors the subject proposed is suitable. Three printed or type-written copies of the Thesis must be sent to the Registrar of the Law School at least two months before the day of Commencements, and at the same time the candidate must lodge with the Bursar the sum of £5, to be paid to an Extern Examiner appointed by the Board, who, together with such one of the Law Professors as the Board shall appoint for that purpose, shall report to the Board on the merits of the Thesis. Should the Degree be granted, the sum so paid will be allowed in part payment to the Senior Proctor of the Degree Fee of £22.

(3). By submitting original published work of merit sufficient, in the judgment of the Law Professors, to entitle the candidate to the Degree. The Professors have power, if they consider it necessary, to question the Author personally on his work, as well as on cognate subjects. Such candidates should communicate with the Registrar of the Law School at least three months before the day of Commencements.

The work of candidates for the Degree of LL.D., other than those who take the Degree by examination, must show evidence of independent inquiry, and must either contain some substantial addition to knowledge, or present a fresh interpretation of materials already used.

The Subjects of Examination, and the marks allotted to each, are as follows:—

1. Roman Law.—100 marks.

   (*a*) Candidates will be examined in the Principles and History of Roman Law.

   (*b*) A special paper will be set on a prescribed Title of the Digest. Until further notice, the prescribed Title of the Digest will be: Book XIX, Title 2 (Locati Conducti).

2. English Law—General Paper.—100 marks.

   A general paper will be set, intended to test the Candidate's knowledge of the several branches of English Law comprised in the Course for the LL.B. Examination.

3. English Law.—100 marks.

   (*a*) The Law of Trusts (omitting the Law of Charitable Trusts).

   (*b*) Actionable Misrepresentation and Fraud.

4. Jurisprudence, Theoretical and Historical.—100 marks.

[Holland, Elements of Jurisprudence.
Markby, Elements of Law.
Holmes, The Common Law.
Maine, Early History of Institutions.]

5. International Law (including Private International Law).—100 marks.

(*a*) The Treatment of Commerce in War.

(*b*) The Law of Foreign Corporations.

6. Theory of Legislation.—100 marks.

[Bentham, Theory of Legislation.
Sidgwick, Elements of Politics, chaps. iii.–xiii.
M'Kechnie, State and Individual, Part 2.
Dicey, Law and Public Opinion in England.]

7. Legal History.—100 marks.

[Digby, History of the Law of Real Property.
Holdsworth, History of English Law, vol. i.
Pollock and Maitland, History of English Law. Book I., Book II., chaps. i., iv., ix.
Jenks, History of English Law.]

8. Public Administration.—100 marks.

[Goodnow, Comparative Administrative Law.
P. Ashley, Local and Central Government.
Wright and Hobhouse, Local Government and Taxation.]

Nos. (1), (2), *and* (3) *are compulsory: but every Candidate must in addition answer in two of the five remaining subjects.*

Candidates must send to the Registrar of the Law School notice of the subjects which they select one month before the examination, and must, at the same time, pay to the Senior Proctor the fee of £4, charged for each entry for the examination. These fees are allowed, up to the amount of £8, in part payment to the Senior Proctor of the Degree Fee of £22.

Text-books given in brackets are intended to indicate approximately the general knowledge required of candidates under each head.

At the Examination for the Degrees of LL.D. and LL.B., and the Intermediate Examination in Law, Candidates who have obtained 50 per cent. of the aggregate marks, and who have satisfied the Examiners in the several subjects of examination, are arranged in two classes. The usual standard for first Class is 65 per cent. for LL.D. and LL.B. Examinations, and 60 per cent. for the Intermediate Examination in Law. In each

class the names are arranged in order of merit. Those of the remaining candidates for the Intermediate Examination in Law or the Final Examination for the Degree of LL.B. who have obtained 40 per cent. of the aggregate marks and not less than 30 per cent. in each subject are allowed the examination, and arranged in alphabetical order as unclassed candidates.

Students desiring information with regard to the Regulations of King's Inns, or the London Inns, should apply in the former case to the Under Treasurer, King's Inns, Dublin, and in the latter case to the Clerk of the Council of Legal Education, Lincoln's Inn, London.

DAYS OF EXAMINATION AND COMMENCEMENTS.

Examinations for the Degrees of LL.B. and LL.D. and the Intermediate Examination in Law will commence on Tuesday, November 29, 1921, and Tuesday, June 6, Tuesday, December 5, 1922.

Term Examinations will be held as follows :—

MICHAELMAS TERM, 1921	Constitutional Law, Saturday, November 26. Feudal and English Law, Wednesday, Nov. 23. Civil Law, Friday, November 25. Jurisprudence, Monday, November 28.
HILARY TERM, 1922.	Criminal Law, Thursday, February 23. Civil Law, Friday, February 24. Feudal and English Law, Saturday, February 25. International Law, Wednesday, February 22.
TRINITY TERM, 1922.	Constitutional and Criminal Law, Thursday, June 1. Civil Law, Friday, June 2. Feudal and English Law, Wednesday, May 31. International Law, Saturday, June 3.
MICHAELMAS TERM, 1922.	Constitutional Law, Thursday, November 23. Feudal and English Law, Wednesday, Nov. 22. Civil Law, Friday, November 24. Jurisprudence, Monday, November 27.

Degrees will be conferred on December 20, 1921, and February 28, April 21, July 4, and December 20, 1922.

REGULATIONS

OF THE

SCHOOL OF PHYSIC.

New Regulations are introduced only after due notice, but when introduced they are binding upon all Students of the Medical School.

THE School of Physic in the University of Dublin consists of the following Staff for 1921-22:—

Regius Professor of Physic.—John Mallet Purser, M.D., Sc.D.
Regius Professor of Surgery.—Edward Henry Taylor, M.D., M.Ch.
University Professor of Anatomy and Chirurgery.—Andrew Francis Dixon, M.B., Sc.D.
University Professor of Chemistry.—Sydney Young, Sc.D., F.R.S.
University Professor of Botany.—Henry H. Dixon, Sc.D., F.R.S.
Erasmus Smith's Professor of Natural Philosophy.—William E. Thrift, M.A., F.T.C.D.
Professor of Surgery.—Thomas Eagleson Gordon, M.B.
University Anatomist.—Edward Henry Taylor, M.D., M.Ch.
Professor of Zoology and Comparative Anatomy.—J. Brontë Gatenby, B.Sc., D.Phil.
Professor of Bacteriology.—Adrian Stokes, M.D.
King's Professor of Practice of Medicine.—Sir James Craig, M.D.
King's Professor of Materia Medica and Pharmacy.—Thomas G. Moorhead, M.D.
King's Professor of Institutes of Medicine [*Physiology*].—Harold Pringle, M.D.
King's Professor of Midwifery.—T. Henry Wilson, M.A.
Lecturer in Medical Jurisprudence and Hygiene.—Henry T. Bewley, M.D.
Lecturer in Pathology—Alexander C. O'Sullivan, M.D., S.F.T.C.D.
Honorary Professor of Laryngology and Otology.—Sir Robert Henry Woods, M.B., M.Ch.
Honorary Professor of Dermatology.—Wallace Beatty, M.D.
Lecturer in Organic Chemistry.—Professor Emil A. Werner, M.A., Sc.D.
Lecturer in Applied Anatomy.—A. A. M'Connell, M.B.
Lecturers in Dental Surgery and Pathology.—A. W. W. Baker, M.D., M. Dent. Sc.; [Vacant.]
Lecturer in Dental Mechanics.—Joseph Cockburn, L.D.S.
Lecturer in Orthodontia.—E. Sheldon Friel, M. Dent. Sc.
Lecturer in Anæsthetics.—T. Percy C. Kirkpatrick, M.D.
Examiner in Clinical Surgery.—Sir Cuthbert S. Wallace, K.C.M.G., C.B.
Examiner in Ophthalmic Surgery.—Professor L. Werner, M.B.
Examiner in Midwifery.—Gibbon FitzGibbon, M.D.
Examiners in Medicine.—Professor J. A. Lindsay, M.D.: W. Boxwell, M.D.

Examiner in Vital Statistics.—N. McI. Falkiner, M.D.
Examiner in Sanitary Engineering.—P. C. Cowan, Sc.D.
Examiner in Mental Diseases—J. O'C. Donelan, L.R C.P. & S.I.
Examiner in Pathology.—Professor W. St. Clair Symmers, M.B.
Examiner in Anatomy.—Professor J. K. Jamieson, M.B.
Examiner in Institutes of Medicine.—Professor P. T. Herring, M.D.
Examiner in Medical Jurisprudence and Hygiene.—R. J. Rowlette, M.D.
Examiner in Materia Medica and Therapeutics.—H. C. Drury, M.D.
Examiner in Dental Surgery and Pathology.—George P. Moore, M.D.
Curator of Museum of Zoology and Comparative Anatomy.—J. Bronté Gatenby, B.Sc., D.Phil.
Curator of Pathological Museum.—Thomas Eagleson Gordon, M.B.
Curator of Materia Medica Museum.—T. G. Moorhead, M.D.
Chief Demonstrator in Anatomy.—Cecil M'Laren West, M.B.
Assistant to Professor of Chemistry.—W. C. Ramsden. F.C.S.
Assistant to Professor of Institutes of Medicine.—William R. Fearon, Sc.D., F.T.C.D.
Assistant to Lecturer in Pathology.—J. T. Wigham, M.D.
Demonstrator in Röntgen Photography.—William G. Harvey, M.D.
Assistant to Professor of Botany.—Nigel G. Ball, M.A., with *Demonstrators.*
Assistant to Professor of Surgery.—William Pearson, M.D.

Registrar of the School of Physic.—A. C. O'Sullivan, M.D., S.F.T.C.D.
Assistant Registrar.—George L. Allen.

Registrar's Office.

The Office will be open during the Medical year from 10 A.M. to 1 P.M., and from 2 to 4 P.M. daily, except on Saturdays. The Office is closed during the Christmas and Easter Vacations, and for the Summer Vacation about 12th July.

Matriculation.

Students cannot be permitted to enter for or attend any of the Courses of Instruction in the School of Physic until they have Matriculated by paying the Matriculation Fee of Five Shillings. It is not necessary for Students to have their names on the College Books, or to attend any of the Academical duties of the University, unconnected with the School of Physic, unless they desire to obtain the Degrees or Licenses in Medicine, Surgery and Midwifery, or a Degree in Dental Science of the University of Dublin.

Students may matriculate at the commencement of either the Winter or the Summer Session. The Winter Session commences on October 3rd, 1921, and the Summer Session on April 10th, 1922.

WOMEN STUDENTS.

Women Students are admitted to the Degrees and Diplomas in Medicine, Surgery, and Midwifery, on the same conditions as men, except that they are not permitted to study Anatomy or Physiology or to attend Hospital until they have reached the age of 18 years. A special Anatomical Department, with dissecting-room and reading-room, is provided for their accommodation.

WINTER SESSION, 1921–1922.

The Winter Session commences on the 3rd October by the opening of the Dissecting-rooms, and terminates on the 11th March. Lectures commence on the 10th October.

Students in each year, including the final years, are required to enter their names and addresses at the Office of the Registrar of the School of Physic at the beginning of the Winter Session. Students who fail to observe this rule, and permit their names to go off the books of the Medical School, are required to pay a re-entry fee of five shillings.

LECTURES AND PRACTICAL INSTRUCTION.

Mechanics.—Lectures for Freshman First Year Medical Students (see page 260).

Physics.—Professor Thrift, at 1 o'clock, on Mondays, Wednesdays, and Fridays.

Chemistry.—Professor Young, at 1 o'clock, on Tuesdays and Thursdays, and at 11 o'clock on Saturdays.

Practical Chemistry.—Professor Young, at 10 o'clock, on Saturdays.

Organic Chemistry (Second Year Students).—Professor Werner, at 11 o'clock, on Mondays and Fridays during October, November, and December.

Chemistry for Diploma in Public Health, see special prospectus.

Systematic Anatomy.—Professor A. F. Dixon, at 9 o'clock, on Mondays, Wednesdays, and Fridays.

Descriptive Anatomy (1st year).—Professor A. F. Dixon, at 9 o'clock on Tuesdays and Thursdays.

Descriptive Anatomy (2nd year).—Professor A. F. Dixon, at 12 o'clock on Tuesdays, Wednesdays, and Thursdays.

Physiology (Junior Class).—Professor Pringle and Dr. W. R. Fearon, at 11 o'clock on Tuesdays, Wednesdays, and Thursdays.

Physiology (Senior Class).—Professor Pringle, at 12 o'clock, on Mondays and Fridays.

Surgery.—Professor Gordon, at 12 o'clock, on Tuesdays and Thursdays.

A Course of lectures on Surgery, for fifth year students, will be given on Saturdays at 12 noon by the Professor of Surgery and other lecturers. No fee will be charged for this Course.

Applied Anatomy.—Professor A. F. Dixon and Mr. A. A. McConnell, at 2 o'clock, on Mondays, Wednesdays, and Fridays.

Practice of Medicine.—Professor Sir James Craig, at 12 o'clock, on Mondays, Wednesdays, and Fridays.

Midwifery.—Professor Wilson, at 1 o'clock, on Mondays, Wednesdays, and Fridays.

Pathology.—Dr. O'Sullivan, at 2 o'clock on Tuesdays and Thursdays, and at 11 o'clock on Saturdays.

Bacteriology and Pathology for Diploma in Public Health, see special prospectus.

Practical Physiology (Division I.).—Professor Pringle and Assistants, 2 to 4 o'clock, on Mondays and Fridays.

Practical Physiology (Division II.).—Professor Pringle and Assistants, 2 to 4 o'clock, on Tuesdays and Thursdays.

Dissections.—Six months are required, from October to March inclusive.

Christmas Vacation commences on 17th December, and terminates on 7th January. Lectures re-commence on 9th January.

DEPARTMENT OF ANATOMY.

During the Winter Session.—Students in their first year attend Lectures in Anatomy at 9 o'clock daily; Students in their second year attend Lectures on Tuesdays, Wednesdays, and Thursdays, at 12 o'clock; and Students in their third year attend Lectures on Mondays, Wednesdays, and Fridays, at 2 o'clock. The Lectures of the third year are on Applied Anatomy, and are undertaken mainly by Mr. A. A. McConnell.

The Dissecting-room is subject to the following Rules, ordered by the Board:—

I. The Official Hours for Dissections are from 10 A.M. to 5 P.M., during which time assistance and instruction are afforded to Students dissecting.

II. Students are allowed to dissect before 10 A.M., if they please and, to facilitate such Dissections, the Gate leading into the College Park shall be opened at 7 o'clock, A.M., except during December and January, when it shall be opened at 8 o'clock. (Demonstrators attend from 10 A.M. to 5 P.M.)

III. The Professor of Anatomy shall attend at the Anatomical School during two hours each day, including the hour of Lecture.

IV. One or more of the Demonstrators shall attend during Official Hours for Dissections.

During the Summer Session the Dissecting-room will be open from 8 o'clock. A.M., to 5 o'clock, P.M. Demonstrations on Topographical Anatomy will be given twice daily.

A Special Class in Embryology is held for Students who are preparing for Moderatorship.

DEPARTMENT OF CHEMISTRY.

The Class attending the Professor's Winter Lectures work in the Chemical Laboratory on each Saturday morning at 10 o'clock.

The practical work includes the Preparation of Gases and other Inorganic Substances and Qualitative Analysis.

Students are provided with full sets of Apparatus and Tests.

Students requiring Laboratory Practice in special branches of Chemistry are admitted for either one, three, six, or nine months. For further information application should be made to the Professor of Chemistry.

DEPARTMENT OF PHYSIOLOGY.

Two Courses of Lectures are required: one in the second, the other in the third, Winter Session.

Practical Physiology.—Students of the second year are required to attend Laboratory Courses of Instruction in Experimental Physiology, and in Physiological Chemistry, consisting of at least twenty lessons of two hours' duration. The combined fee for these Courses is £2 2*s*. Re-attendance on either section, £1 1*s*.

Research Work.—To encourage the prosecution of original investigation into Physiological Subjects having a practical bearing on Clinical Medicine, Graduates in Medicine will be given every facility by the Professor, and will be charged no fee beyond what may be required to cover cost of materials.

DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY.

Two Courses of Lectures are given. In the Winter Session the Lectures on Pathology and practical work on the subjects of the Lectures take place in combination, one hour being given to the Lecture and one hour to practical work.

In the summer a Course in Bacteriology is given, including short Lectures and practical work.

Students are supplied with all necessaries.

Two Courses in advanced Bacteriology are given in the year, intended specially for Candidates for the Diploma in Public Health. Graduates in Medicine who are not taking out the Diploma are admitted to these Courses. Graduates in Medicine who are desirous of engaging in research in Pathology and Bacteriology are given all facilities, and are supplied with such material as they require and is available.

SUMMER SESSION, 1922.

The Summer Session commences on the 10th April, and terminates on the 24th June.

LECTURES AND PRACTICAL INSTRUCTION.

Laboratory Instruction in Chemistry.—Professor Young.

This Course comprises Quantitative Chemical Analysis and the identification of typical organic compounds. Students work in the Laboratory from 9 to 11 o'clock on Wednesdays and Fridays. Each Student is provided with full sets of Apparatus and Tests.

Chemistry for Diploma in Public Health, see special prospectus.

Laboratory Instruction in Histology.—Professor Pringle.

This Course is given in the Physiological Laboratory, on Mondays, Wednesdays, and Fridays, from 2 to 4 o'clock. A Lecture is also given in the Theatre, on one day in each week, after which Illustrative Preparations are shown. Students have their own places in the Laboratory, each provided with a Microscope, and a full set of Apparatus and Reagents. The Laboratory is open to Members of the Class daily, from 10 to 5 o'clock.

Demonstrations in Operative Surgery.—Professor Gordon.

The Course of Operations will be given during the months of April and May, at 8.30 o'clock, a.m., on Mondays, Wednesdays, and Fridays, and at 11 o'clock, a.m., on Tuesdays, Thursdays, and Saturdays.

Bacteriology.—Professor Stokes, from 2 to 4 o'clock, on Mondays, Tuesdays, and Thursdays.

The Course will be given in the Pathological Laboratory. Students will have places allotted to them, with Microscopes and the necessary Apparatus. The Laboratory will be open to Members of the Class from 10 to 1 o'clock daily.

Pathology and Bacteriology for Diploma in Public Health, see special prospectus.

Botany.—Professor H. H. Dixon. Lectures and Practical work, 9 to 11 o'clock on Tuesdays, Thursdays, and Saturdays, in the School of Botany. Students are provided with microscopes, reagents, and specimens, but are required to bring their own dissecting instruments.

Zoology Lectures.—Professor Gatenby, at 1.30 o'clock on Mondays, Wednesdays, and Fridays.

Practical Zoology.—Professor Gatenby.

In the Zoological Laboratory. The Class will be divided. One section will work from 2.30 to 4 o'clock on Mondays and Thursdays; another will work from 2.30 to 4 o'clock on Tuesdays and Fridays; a third from 2.30 to 4 o'clock on Wednesdays, and from

12 to 1.30 o'clock on Saturdays. Students will be provided with Microscopes, Reagents, and Specimens, but must bring their own Dissecting Instruments.

Materia Medica.—Professor T. G. Moorhead, at 12 o'clock on Mondays. Tuesdays, Wednesdays, and Thursdays.

Medical Jurisprudence and Hygiene.—Dr. Bewley, at 1 o'clock on Mondays, Wednesdays, Thursdays, and Fridays.

Dental Anatomy.—Professor A. F. Dixon and Mr. E. S. Friel. Lectures and Practical Work, 9 to 11 o'clock on Tuesdays and Thursdays.

Anatomy.—An optional Course of Dissections and Demonstrations is given during the Summer Session, for which a fee of £2 2*s.* is charged.

Physiology.—A Special Voluntary Course of Advanced Chemical Physiology is given during the Summer Session. Fee, £2 2*s.*

PRACTICAL PHARMACY.

A Course of Demonstrations in Practical Pharmacy is given by the Professor of Materia Medica in the Museum of Materia Medica during the Summer Session. Each Student works at a separate compartment, and is provided with the necessary Apparatus and Reagents. The Course is open to Extern Students.

RADIOLOGY.

An optional Course of Demonstrations in the Diagnostics and Therapy of the Röntgen Ray will be given in the Hilary Term. The Course will include practical work with patients. Certificates will be issued to students who attend diligently. Fee for the Course, £3 3*s.*

DEGREES, LICENSES, AND DIPLOMAS.

The Qualifications in Medicine, Surgery, Midwifery, Dental Science, and Public Health granted by the University are as follow:—

The Degrees are:—

1. Bachelor in Medicine (M.B.).
2. Bachelor in Surgery (B.Ch.).
3. Bachelor in Obstetric Science (B.A.O.).
4. Doctor in Medicine (M.D.).
5. Master in Surgery (M.Ch.).
6. Master in Obstetric Science (M.A.O.).
7. Bachelor in Dental Science (B.Dent.Sc.).
8. Master in Dental Science (M.Dent.Sc.).

The Licenses and Diplomas are:—

1. License in Medicine.
2. License in Surgery.
3. License in Obstetric Science.
4. Diploma in Gynæcology and Obstetrics.
5. Diploma in Public Health.[a]

[a] Formerly Qualification in State Medicine.

REGULATIONS FOR OBTAINING MEDICAL DEGREES.

Before obtaining the Degrees of Bachelor in Medicine, Surgery, and Midwifery candidates must have completed the course for the Arts Degree (B.A.) of the University, and have devoted at least five years to medical study. The Arts and Medical Courses may be taken separately or concurrently. The privileges in Arts granted to Medical Students are stated on pages 278–281.

Entrance to the Medical School.

In order to join the Medical School and prepare for the Medical Degrees of the University, a student must pass the Entrance Examination to Trinity College and a Special Preliminary Examination in Arts, or some examination recognized as equivalent.

The Course for the Entrance Examination is given on page 30.

The Course for the Special Preliminary Examination in Arts is the same as that for the Junior Freshman Hilary Examination, see page 48.

For dates of Examinations see page 293.

The Entrance and Special Preliminary Examinations may be taken consecutively.

If credit for the above Examinations has been obtained, or any Term Examination passed, the Medical Course may be commenced at the beginning of October or in April.

A similar privilege is granted to students who obtain marks showing sufficient merit at the Examination for Junior Exhibitions.

A Special Entrance Examination to Trinity College and a Special Preliminary Examination in Arts are held in October and in March in each year. Students who pass these examinations may begin their Medical or Dental Course in October or April. The dates for 1921–22 are given on page 293.

In the case of students who take their Medical and Arts Courses concurrently the Arts lectures are delivered during the Summer Session of each of the first four years of the combined Medical and Arts Course. The total Arts fees, including the Degree fee, amount to £101. The Arts Regulations for Medical Students will be found on pages 278–281.

Medical Course.

Students who produce evidence of having passed the Special Preliminary Examination in Arts, or its equivalent (see above), may enter their names and addresses at the office of the Medical

School, pay the Matriculation Fee of 5s., and proceed with the following Courses and Examinations:—

First Year.—

First Winter[a]—

Chemistry Lectures and Laboratory,	£3 3 0
Physics *and* Mechanics Lectures, ..	0 0 0
Practical Physics, ...	0 0 0
Systematic Anatomy Lectures, ..	3 3 0
Descriptive Anatomy Lectures, ..	3 3 0
Dissections, ...	5 5 0
	£14 14 0

Preliminary Scientific Examination in Experimental Physics.

First Summer—

Botany, Lectures and Practical, ..	£1 11 6
Zoology, Lectures and Practical, ..	2 2 0
Practical Chemistry,[b]	2 2 0
	£5 15 6

In connexion with the course in Physics a course of Lectures in Mechanics, of a Physical rather than of a Mathematical character, is delivered between the 10th of October and the 4th of November. Students should take care to obtain credit for attendance on these Lectures. Failure to do so will prevent their obtaining credit for Lectures in Physics, and entering for the Preliminary Scientific Examination in that subject.

Completion of Preliminary Scientific Examination in (*a*) Botany, Zoology, and (*b*) Chemistry.

All the subjects may be passed at the same time, or they may be passed in two groups (*a*) and (*b*).

Before presenting themselves for Examination, Students must have attended the recognized Courses of Instruction in the subjects of the Examination.

N.B.—The Courses of the Second Year cannot be commenced until the student has passed at least two of the four subjects of the Preliminary Scientific Medical Examination.

Second Year.—

Second Winter—

Anatomy Lectures, ...	£3 3 0
Physiology and Organic Chemistry Lectures, ...	3 3 0
Practical Physiology, ...	2 2 0
Dissections, ...	5 5 0
Hospital Elementary Instruction,[c]	12 12 0
	£26 5 0

[a] In the Table of Fees here given the reductions specified (p. 278) have already been made.

[b] Students who join the School in a Summer Session must consult the Professor of Chemistry before entering for this Course.

[c] Hospital attendance cannot be commenced until the student has obtained credit for six 'months' dissections, and completed the Preliminary Scientific Examination.

Second Summer—

Histology, ...	£5 5 0

Intermediate Medical Examination, Part I.

The subjects are—(1) Anatomy, and (2) Histology, Physiology (omitting the Physiology of the Sense-Organs, and of the Central Nervous System), and Organic Chemistry.

Before presenting themselves for this Examination, Students must have attended the School Courses of Instruction prescribed for the First and Second years of Medical study, and *must have completed the Preliminary Scientific Examination in Botany, Zoology, Chemistry, and Physics.*

The Examination will consist of a paper, a practical, and an oral in each subject, except Organic Chemistry, in which there is no oral or practical examination.

N.B.—The courses of the Third Year cannot be commenced until the Preliminary Scientific Examination has been completed.

Third Year.—

Third Winter—

Applied Anatomy Lectures,[a] ..	£3 3 0
Physiology Lectures, ...	3 3 0
Pathology, Lectures and Practical,[b]	5 5 0
Hospital Practice, ...	12 12 0
	£24 3 0

Intermediate Medical Examination, Part II.

The subjects are—Applied Anatomy and Applied Physiology (including the Physiology of the Nervous System and of the Sense-Organs).

Before presenting themselves for this Examination Students must have attended the prescribed Courses of study, and *have completed Intermediate Medical Examination, Part I.*

The Examination will consist of a paper and an oral in each subject.

Third Summer—

Materia Medica and Therapeutics,[b] ..	£3 3 0
Medical Jurisprudence and Hygiene,[b]	3 3 0
Bacteriology, Lectures and Practical,[b]	5 5 0
	£11 11 0

[a] Students who have credit for two years' dissections in Trinity College will be allowed to dissect in their third or subsequent year on payment of £3 3s. for the Winter Session.

[b] These Courses may be taken by those Students only who have completed the Intermediate Medical Examination, Part I.

N.B.—The Courses of the Fourth Year cannot be commenced until the Intermediate Medical Examination, Part I., has been completed.

Fourth Year.—

Fourth Winter—	
Practice of Medicine, ...	£3 3 0
Midwifery, ...	3 3 0
Surgery, ...	2 2 0
Hospital Practice, ...	12 12 0
	£21 0 0
Fourth Summer—	
Operative Surgery, ...	£2 12 6

Final Medical Examination, Part I.

The subjects are—Pathology and Bacteriology, Materia Medica and Therapeutics, Medical Jurisprudence and Hygiene.

Before they are admitted to the Examination, Students must have attended the prescribed Courses of study and passed the Intermediate Medical Examination, Part II.

Vaccination (Fee, £1 1*s.*) should be taken out in the fourth year.

Fifth Year—

Practical Midwifery, ...	£10 10 0
Mental Disease, ...	3 3 0
Ophthalmic Surgery, ...	3 3 0
	£16 16 0

Final Medical Examination, Part II.

The subjects are—(*a*) Medicine, Clinical Medicine, and Mental Disease; (*b*) Surgery, Clinical Surgery, Surgical Operations, and Ophthalmic Surgery; (*c*) Midwifery and Gynæcology.

Before they are admitted to any part of this Examination Students must have passed the Final Medical Examination, Part I.

Students may enter for Examination in (*c*) in their Fifth Year if they have obtained credit for twenty-one months' hospital attendance.

They may enter for Examination in either of the other groups, but not both, when they have obtained credit for twenty-four months' hospital attendance.

The remaining group cannot be passed until the end of the Fifth Year, and when credit has been obtained for twenty-seven months' hospital attendance. Before presenting themselves for any of these groups, Students must have attended all the prescribed Courses of Instruction in the subjects in which they present themselves for Examination.

Degrees.

Candidates who have completed the prescribed Courses of study and passed all the Examinations, will be entitled, if Graduates in Arts, to have conferred on them the Degrees of M.B., B.Ch., B.A.O., on payment to the Senior Proctor of the Degree Fees amounting to £17. They will also obtain from the Senior Proctor a Diploma entitling them to be entered on the Register of Medical Practitioners under the Medical Act, 1886.

TOTAL EXPENSES OF FOREGOING COURSES.

I. Lectures, ...	£73	10	0
II. Hospitals, ...	55	13	0
III. Degrees (M.B., B.Ch., B.A.O.),	17	0	0
TOTAL, ...	£146	3	0

License in Medicine, Surgery, and Obstetric Science.

Candidates for the License in Medicine, Surgery, and Obstetric Science must have completed two years in Arts, and five years in Medical Studies.

The dates, regulations, and subjects of Examination are the same as for the Degrees.

The Fee for the License is £11.

Licentiates on completing the Course in Arts, and proceeding to the Degree of B.A., may be admitted to the Degree of Bachelor on paying £6, the difference between the Degree Fees and the Fee for the License.

The Fee for the License is payable to the Senior Proctor.

ENTRIES FOR COURSES AND PAYMENT OF FEES.

Entries for all Courses, with the exception of Summer Dissections, will be taken at the Registrar's Office, Medical School, and should be made by Students *in person*. Fees must be paid at the same time; when paid by cheque they should be made payable to "the Registrar, School of Physic, Trinity College, Dublin," and should be drawn for the exact amount due; Hospital Fees should not be included.

Seats in the Lecture Theatres are allotted in the order in which Fees are paid.

Entries for Summer Dissections are taken by the Professor of Anatomy, and the Fees for this Course are payable to him.

Entries for the Winter Courses will be taken on and after the 1st of October, and will close on the 11th of October, after which a Tardy Fee of 2*s.* 6*d.* for each working day in arrear will be charged. No entries will be received after the 21st of October.

Entries for the Summer Courses will be taken on and after the

1st of April, and will close on the 11th of April, after which a Tardy Fee of 2*s.* 6*d.* for each working day in arrear will be charged. No entries will be received after the 22nd of April.

Hospital Fees are to be paid to the various Hospitals.

REGULATIONS CONCERNING EXAMINATIONS.

All entries for Examinations must be made 14 clear days before those upon which the various Examinations begin.

The following regulations hold with regard to the number, times, and conduct of Examinations, scale of marking, &c.:—

1. The Preliminary Scientific Examination is held three times in each year.

Equal marks are given to each subject and to each group of subjects.

2. The Intermediate Examination is held three times in each year.

Equal marks are awarded to Anatomy, and to Physiology, including Histology and Organic Chemistry, in Part I., and to Applied Anatomy and Applied Physiology in Part II., of the Examination.

3. Part I. of the Final Examination is held three times in each year.

Scale of marking is as follows:—

Pathology,	50
Materia Medica and Therapeutics,	25
Medical Jurisprudence and Hygiene,	25

4. Part II. of the Final Examination is held three times in each year.

Scale of marking is as follows:—

Medicine—		Surgery—	
Paper,	25	Paper,	20
Oral,	15	Oral,	10
Clinical,	50	Operations,	20
Mental Disease,	10	Clinical,	40
		Ophthalmic Surgery,	10
		Midwifery & Gynæcology—	
		Clinical,	40
		Papers,	40
		Orals,	20

The Clinical Examinations are in each case held before the papers and orals, and candidates who fail to satisfy the Clinical Examiners are not permitted to present themselves for the other parts of the Examination.

The Examination in Mental Disease takes the form of an oral, and is held at an Asylum: candidates are required to fill up a form of certificate (such as is used for the committal of a lunatic to a public asylum) from their personal examination of a patient.

5. Examiners are empowered, in assessing marks, to take into account the duly attested records of the work done by the candidates throughout the course of study in the subject of the examination.

6. The Court of Examiners have the power of compelling candidates whose answering has been deficient in any subject, to attend a recognized Course of Instruction in that subject before presenting themselves for re-examination.

7. When entering for the Final Examination in Medicine Students must lodge at the office notes of six medical cases taken by them, and each countersigned by the Physician in charge of the case; also notes of six autopsies taken by them, and each countersigned by the Pathologist of the hospital.

When entering for the Final Examination in Surgery, Students must lodge at the office notes of six surgical cases taken by them, and each countersigned by the Surgeon in charge of the case.

8. *Before entering for any of the three sections of the Final Medical Examination, Part II, the Student should obtain from the Office the special form on which attendance upon the various necessary Courses may be certified* (see page 267).

RE-EXAMINATION.

Every Student, who having entered for any of the Medical Examinations, fails, for any reason, to obtain credit for it, shall pay a fee of 10*s*. 6*d*., for any occasion on which he presents himself again for the same Examination.

Every Student who is remitted in the Final Examinations in Medicine or Surgery will be required, on entering for re-examination, to present six additional cases taken by himself and each countersigned by the Physician or Surgeon in charge of the case.

Every Student who is remitted in the Final Examination in Midwifery will be required, on entering for re-examination, to produce evidence of having attended clinical instruction in Midwifery on at least twenty-five days after the examination at which he failed.

REGULATIONS CONCERNING LECTURES, HOSPITALS, &c.

ATTENDANCE ON LECTURES.

Students are expected to attend all the Lectures or Demonstrations delivered in each Course for which they enter, whether in the Winter or the Summer Session; but in order to provide for unavoidable absence, such as illness or attendance at Examinations, they are allowed credit for a Course if they have been present at three-fourths of the Lectures or Demonstrations actually delivered. If this proportion involve a fraction, the next highest whole number is reckoned as the minimum. If more than one-fourth have been missed, application must be made through the

Committee of the School of Physic to the Board of Trinity College, by whom each case is decided on its merits, but the applicant must produce satisfactory reasons for omission of *all* the Lectures missed, not of the excess above one-fourth only. No Student will be allowed credit for a Course who has not been found diligent in attendance, when not prevented by illness or other cause considered sufficient by the Board.

CLASS EXAMINATIONS.

Students will be required to show a reasonable knowledge, as ascertained by Examination during the Session, of the subject of a Course of Lectures before a certificate of satisfactory attendance is issued by the Professor in charge, and the return to the Senior Lecturer is to include a statement that this condition has been fulfilled.

HOSPITAL ATTENDANCE.

Three Courses of nine months' attendance on the Clinical Lectures of Sir Patrick Dun's or other Metropolitan Hospital recognized by the Board of Trinity College (see page 290) are required.

During the first three months of the Winter Session in which Students begin their Hospital work, they must attend an Elementary Course of Hospital Instruction for one hour per day.

Students will be required to attend on at least forty-five occasions in this three months' Course in order to obtain credit for it.

Students attending Hospital are required, at the end of each month, to lodge at the Registrar's Office, in the Medical School, a card which has been signed daily during the month by some member of the Hospital Staff. These cards may be obtained at the Office at the School of Physic.

The first Hospital attendance card of the Academic Year must be signed by the Secretary to the Medical Board of the Hospital attended by the Student.

No Student will be supplied with a Hospital attendance card until that previously supplied, completed as required, has been handed in.

The following will not be accepted in lieu of attendance at Clinical instruction at General Hospitals:—

(*a*) Attendance at Special Hospitals.

(*b*) Attendance at courses of instruction in Vaccination.

(*c*) The statement that a student is reading for one of the Medical or Arts Examinations.

Hospital attendance cannot be commenced until the Student has obtained credit for six months' dissections, and completed the Preliminary Scientific Examination.

Attendance at a general Hospital during the months of July, August, and September, cannot be counted unless the Student is resident at the Hospital.

Students who shall have diligently attended the practice of a

recognized London or Edinburgh Hospital for one year, of a recognized County Infirmary, or of a recognized Dominion Hospital for two years previous to the commencement of their Metropolitan Medical Studies, may be allowed, on special application to the Board of Trinity College, to count the period so spent as equivalent to one year spent in a recognized Metropolitan Hospital.

CERTIFICATES.

Students entering for the Final Medical Examination, Part II, are required to present the following certificates :—

MEDICINE.

PRACTICAL VACCINATION.

The certificate of instruction must show that the student has attended a Course of instruction in Vaccination in accordance with the Regulations of the Local Government Board. The Certificate should be signed by the Medical Officer of the Vaccine Department, Upper Sackville-street, Dublin, the Workhouse Infirmary, Cork, or the Workhouse Infirmary, Belfast.

MENTAL DISEASE.

A Certificate of attendance on a three months' Course of Practical Study of Mental Disease at a recognized Institution (see page 290) is required.

SURGERY.

OPHTHALMIC SURGERY.

A Certificate of regular attendance upon a three months' Course of Ophthalmic Surgery is required. This Certificate must be obtained from a Hospital in which at least twenty-five beds are maintained for patients suffering from diseases of the Eye and Ear, and must state that the Student's work in connexion with the Course has reached a satisfactory standard.

ANÆSTHETICS.

A Certificate of adequate practical instruction and proficiency in practice in the administration of General Anæsthetics is required. The Certificate must be signed by the Anæsthetist to the hospital attended by the Student, and countersigned by the Secretary of the Medical Board of the Hospital.

MIDWIFERY.

I. Certificates of having, before commencing the study of Practical Midwifery, held the office of (*a*) Clinical Clerk and (*b*) Surgical Dresser in a recognised general Hospital.

II. (*a*) of regular attendance at a recognised Maternity Hospital as a non-resident student for a period of six months, or as a resident student for a period of three months;
(*b*) of having received practical instruction in Midwifery; and
(*c*) of having personally conducted twenty cases of labour under official medical supervision.

HIGHER DEGREES.

Master in Obstetric Science.

M.A.O.

A Master in Obstetric Science must be a B. A. O. of two years' standing in the University of Dublin, and must produce satisfactory evidence of having been engaged for two years in the study of Obstetric Science. Before the Grace of the house can be obtained, the Candidate must pass the M. A. O. Examination according to regulations approved by the Board.

The subjects for the Examination are:—

1. Practice of Midwifery.
2. Gynæcology.
3. Anatomy of Female Pelvis and Elementary Embryology.
4. Clinical Gynæcology.

Notice should be given to the Registrar of the School of Physic one month before the first day of the Examination. The dates are the same as those for the Final Examination, Part II., Midwifery, page 293.

Fee for the M. A. O. Examination is £5 and for the Degree of Master in Obstetric Science, £10.

Master in Surgery.

M.Ch.

A Master of Surgery must be a B.Ch. of the University of Dublin, of three years' standing, and must produce satisfactory evidence of having been engaged for not less than two years from the date of Registration in the study or practice of his profession. He must then pass an Examination in the following subjects:—

1. Clinical Surgery.
2. Operative Surgery.
3. Surgical Pathology.
4. Surgery.
5. Surgical Anatomy (on the dead subject).

And one of the following optional subjects, viz.:—

1. Surgery, in one of its recognized branches, viz.: Ophthalmic and Aural; Gynæcological; Dental.
2. Mental Disease.
3. Medical Jurisprudence and Hygiene.
4. Advanced Anatomy and Physiology.
5. Comparative Anatomy.

Notice should be given to the Registrar of the School of Physic one month before the Examination begins, the optional subject selected being named at the same time. The dates are the same as those for the Final Examination, Part II., Surgery, page 293.

Graduates in Surgery of the University of Dublin, of not less than ten years' standing, may be recommended for the Degree of M. Ch., by the vote of the Court of Examiners, on such Examination as they shall determine. Candidates claiming this privilege must give one month's notice to the Registrar of the School, state in full their qualifications, and name the optional subject selected.

Fee for the Examination, £10, and for the Degree of Master in Surgery, £11.

Doctor in Medicine.

M.D.

Candidates for the Degree of Doctor in Medicine must have passed the Final Examinations in Medicine, Surgery, and Midwifery and must be of M.A. standing in the University of Dublin. They must also read a Thesis publicly before the Regius Professor of Physic and his Assessor, or must undergo an Examination before the Regius Professor of Physic, according to Regulations to be approved by the Provost and Senior Fellows.

The Regulations with respect to the Thesis are as follows:—

The Thesis, which must be typewritten or printed, shall be sent to the Registrar of the School of Physic not less than six weeks before the date of the conferring of Degrees. Notice will be given to the candidate of the date fixed for the reading of the Thesis. At the reading, the Regius Professor and his Assessor shall discuss with the candidate questions connected with the Thesis, and may also examine him *viva voce* on other medical subjects of a more general nature; the exercise as a whole shall ordinarily last not less than one hour.

A fee of £3 (payable to the Registrar of the School of Physic) shall be sent by the candidate along with the Thesis, and this shall be deducted from the fee for the Degree if the Thesis be accepted.

Fee for the Degree of Doctor in Medicine, £20.

Commencements will be held on 20th December, 1921, and 28th February, 21st April, 4th July, and 20th December, 1922.

All Degree fees are payable to the Senior Proctor.

DIPLOMA IN GYNÆCOLOGY AND OBSTETRICS.

Candidates for the University Diploma in Gynæcology and Obstetrics must be Registered Medical Practitioners who, after the date of registration, have taken out the prescribed course of study at Trinity College, and at the Rotunda Hospital, or other Hospital recognised for the purpose by the Board and Council. Six months' residence in Trinity College, or in the case of women in Trinity Hall, and six months' residence at the Rotunda Hospital are required.

Instruction is given during the year's course in :—

Practice of Midwifery,
Practice of Gynæcology,
Anatomy of the Female Pelvis,
Elementary Embryology,
Pathology of the Female Organs, and
Ante-natal Pathology.

The examination for the Diploma is in the same subjects.

The Fees payable are as follow :—

	£	s.	d.
Rotunda Hospital instruction for six months, including rooms, ...	21	0	0
Registration and Half-yearly fee, Trinity College, six months, ...	9	3	0
Special Anatomy and Embryology, ...	6	6	0
Pathology, ...	5	5	0
Examination Fee, ...	10	0	0
Fee for Diploma, ...	5	0	0
	56	14	0

In addition to these fees, there is the rent of rooms in Trinity College, Dublin, for six months which averages about £6 unfurnished. Certain articles of permanent furniture are supplied by the College at a small additional rent.

The Diploma fee is payable to the Senior Proctor.

DIPLOMA IN PUBLIC HEALTH.

In the year 1870 a "Diploma in State Medicine" was instituted by a resolution of the Board of Trinity College. In 1898 it was resolved that the title of the "Diploma in State Medicine" be changed to that of "Diploma in Public Health."

The conditions under which the Diploma is awarded are governed by the Regulations and Rules adopted by the General Medical Council.

A copy of these Rules, a list of Institutions recognized for purposes of instruction by Dublin University, and details of the Courses of instruction given at the School of Physic are published in a separate prospectus, which may be obtained by application to the Registrar of the School of Physic, Trinity College, Dublin.

REGULATIONS OF THE SCHOOL OF DENTAL SCIENCE.

The School of Dental Science consists of the following staff for 1921–22:—

University Professor of Anatomy and Chirurgery.—Andrew Francis Dixon, M.B., Sc.D.

University Professor of Chemistry.—Sydney Young, Sc.D., F.R.S.

Erasmus Smith's Professor of Natural Philosophy.—William E. Thrift, M.A., F.T.C.D.

King's Professor of Institutes of Medicine (Physiology).—Professor Harold Pringle, M.D.

King's Professor of Practice of Medicine.—Sir James Craig, M.D.

Professor of Surgery.—Thomas E. Gordon, M.B.

Lecturer in Pathology.—Alexander C. O'Sullivan, M.D., S.F.T.C.D.

Lecturer in Dental Surgery and Pathology.—A. W. W. Baker, M.D., M. Dent. Sc.

Lecturer in Dental Mechanics.—Joseph Cockburn, L.D.S.

Lecturer in Orthodontia.—E. S. Friel, M. Dent. Sc.

Lecturer in Anæsthetics.—T. P. C. Kirkpatrick, M.D.

WINTER SESSION, 1921-22.

The Winter Session begins on 3rd October.

Lectures commence on 10th October.

Mechanics.—Lectures for Freshman First Year Dental Students (see page 260).

Physics.—Professor Thrift, at 1 o'clock, on Mondays, Wednesdays, and Fridays.

Chemistry.—Professor Young, at 1 o'clock, on Tuesdays and Thursdays, and 11 o'clock on Saturdays.

Practical Chemistry.—Professor Young, at 10 o'clock, on Saturdays.

Systematic Anatomy.—Professor A. F. Dixon, at 9 o'clock, on Mondays, Wednesdays, and Fridays.

Physiology (Junior Class).—Professor Pringle, at 11 o'clock, on Tuesdays, Wednesdays, and Thursdays.

Practical Physiology (Junior Class).—Professor Pringle and Assistants, 2 to 4 o'clock, on Mondays and Fridays.

Surgery.—Professor Gordon, at 12 o'clock, on Tuesdays, Thursdays, and Saturdays.

Medicine.—Professor Sir James Craig, at 12 o'clock, on Mondays, Wednesdays, and Fridays.

Dental Mechanics.—Mr. Cockburn, at 5 o'clock, on Tuesdays and Fridays.

Dental Surgery and Pathology.—Dr. Baker, at 5 o'clock, on Tuesdays and Fridays.

Dissections from October to March, inclusive.

SUMMER SESSION, 1922.

Lectures commence on 10th April.

Laboratory Instruction in Chemistry.—Professor Young.

Students work in the Laboratory from 9 to 11 o'clock, on Wednesdays and Fridays. Each Student is provided with full sets of Apparatus and Tests.

Laboratory Instruction in Histology.—Professor H. Pringle.

This Course will be given in the Physiological Laboratory on Mondays, Wednesdays, and Fridays, from 2 to 4 o'clock. A Lecture will be given in the Theatre, on one day in each week, after which Illustrative Preparations will be shown. Students will have their own places in the Laboratory, each with a Microscope, and a full set of Apparatus and Reagents. The Laboratory will be open to Members of the Class daily, except during Class hours.

Dental Anatomy and Physiology.—Professor A. F. Dixon and Mr. Friel, 9 to 11 o'clock, on Tuesdays and Thursdays.

Orthodontia.—Mr. Friel, at 5 o'clock, on Mondays and Fridays.

Anæsthetics.—Dr. Kirkpatrick, at 5 o'clock, on Wednesdays.

COMBINED ARTS AND DENTAL CURRICULUM.

The University of Dublin grants the degrees of Bachelor and Master in Dental Science.

Either of these qualifications entitles the holder to be registered as a licensed Dental practitioner.

In order to obtain the Degree of Bachelor (B. Dent. Sc.) Candidates must have completed the course for the Arts degree (B.A.) of the University and have spent at least four years in the School of Dentistry. The Degree of Master in Dental Science (M. Dent. Sc.) is awarded after a further examination, and cannot be taken until the end of a fifth year of study.

The Dental and Arts Courses may be taken separately or concurrently.

It is to be understood (*a*) that the Arts Courses to be attended by Dental Students are the same as those to be attended by Medical Students; and (*b*) that, with the exceptions noted, the Professional Courses mentioned below as necessary for Dental Students are the same as those for Medical Students.

The following curriculum has been drawn up for students who desire to pursue their Arts and Dental studies concurrently:—

The student should—

1. Pass the Entrance Examination (Trinity College).

2. Pass any Junior Freshman Term Examination, or the Special Preliminary Examination in Arts held in March and October.

Upon the completion of the second of these examinations the student should register as a Dental Student[a] at the office of the Registrar of the School of Physic, and begin his combined Course for the Arts and Dental degrees in October or April.

NOTE.—The Fees for the courses marked thus * are included in the Arts Fees.

First Winter—

*Mechanics (Statics and Dynamics, see page 260).			
*Physics Lectures (Michaelmas and Hilary Terms).			
*Physics, Practical.			
Chemistry Lectures and Laboratory, ...	£3	3	0
Systematic Anatomy Lectures	3	3	0
Anatomy, dissections	5	5	0
	£11	11	0

Examination in Experimental Physics.

First Summer—

Practical Chemistry, together with Practical Dental Metallurgy	£2	2	0
Histology, together with Dental Histology	5	5	0
Dental Anatomy and Physiology (Human & Comparative)[b]	2	2	0
	£9	9	0

*Mechanics (Statics and Dynamics).
*English Composition.

Completion of the Preliminary Scientific Dental Examination.

In June of his first year the Student should complete the Preliminary Scientific Dental Examination in Chemistry and Physics, and also the Examination in Dental Anatomy. Before he is admitted to any of these Examinations he must have attended the courses indicated above to the satisfaction of his Teachers.

Second Winter—

General Hospital	£12	12	0
Dissections	5	5	0
Physiology, Lectures	3	3	0
Physiology, Practical	2	2	0
Surgery, including the elements of Surgical Pathology and Surgery in its applications to Dental Surgery Lectures	2	2	0
Medicine, including the elements of General Pathology and the applications of Medicine to Dental Surgery Lectures	3	3	0
	£28	7	0

[a] Students are advised to register *both* as Dental and Medical Students. A Student who has done this is entitled to count some of the Courses which he takes as a Dental Student as a part of his Medical Course, should he at a later date determine to take the Medical Degrees.

[b] Special Course; two days per week, together with practical work and demonstrations.

Intermediate Dental Examination.

Students who begin their Dental course in the Summer Session are advised in their first summer to attend Dental Anatomy, Statics and Dynamics, and English Composition.

At the completion of his second Winter Session the Student should pass the Intermediate Dental Examination in Anatomy and Physiology.

Before he is admitted to the Intermediate Dental Examination the Student must have completed the courses of instruction indicated above, to the satisfaction of his Teachers, and must have passed the Preliminary Scientific Dental Examination in Chemistry and Physics, and in Dental Anatomy.

Second Summer—

General Hospital (included in Winter Fee).
Dental Mechanics (Practical).[a]
*Logic Lectures and English Composition.

Examination in Clinical Hospital Practice.

During the Summer, Students should prepare for the Arts Part of the Final Freshman Examination, and should pass it in the following October. The subjects are:—Mechanics, Logics, English Composition, and one language, viz.: Latin, Greek, French, or German.

Having completed the Final Freshman and Intermediate Dental Examinations, the Student should devote his time to work at the Dental Hospital. For two years he should attend each forenoon the surgical practice of this Hospital, and in the afternoons the instruction given in Mechanical Dentistry.

Third Winter—

Dental Surgery (Hospital Practice)[b]	£15	15	0
Dental Mechanics (Practical)[c]	60	0	0
Lectures in Elementary Dental Mechanics and Dental Metallurgy (from October to Christmas).	3	3	
Lectures in Dental Surgery and Pathology, including Materia Medica and Therapeutics in their applications to Dental Surgery (for rest of Winter Session)			
	£78	18	0

Third Summer—

Dental Surgery (Hospital Practice) } [a] (included in Winter Fee)
Dental Mechanics (Practical) }
*Arts Lectures.

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[a] Students who have failed to complete the Intermediate Dental Examination are advised not to begin their instruction in Dental Mechanics until June. Before presenting himself for the Final Examination, the Student must have taken a minimum of 27 months' instruction in Practical Dental Mechanics.

[b] Students joining between 1st December and 31st July pay £3 3s. extra.

[c] The Dental Hospital fee for Practical Dental Mechanics is £100 in one sum, or £60 and £45 if paid in two instalments.

Fourth Winter—

Dental Surgery (Hospital Practice)[a]	£15	15	0
Dental Mechanics (Practical)	45	0	0
Advanced Dental Mechanics (from October to Christmas) / Dental Surgery and Pathology, including Materia Medica and Therapeutics in their application to Dental Surgery and Pathology (for rest of Winter Session).	2	2	0
	£62	17	0

Fourth Summer—

Dental Surgery (Hospital Practice) / Dental Mechanics (Practical)	(included in Winter Fee)		
Orthodontia	1	1	0
Demonstrations in the use of Anaesthetics ..	1	1	0
*Arts Lectures.			
	£2	2	0

Final Dental Examination.

At the completion of the fourth year the Student should enter for the Final Dental Examination, the subjects for which are—

Dental Mechanics and Metallurgy.
Paper, Practical and *Viva voce.*

Dental Surgery and Pathology, including Materia Medica and Therapeutics in their application to Dental Surgery.
Paper, Practical and *Viva voce.*

Orthodontia. *Viva voce.*

The fee for the Degree Examination is £5.

The degree of Bachelor in Dental Science is conferred on Students who have completed the above Courses and Examinations, passed in the subject of the Arts Lectures attended in the fourth Summer and in English Composition at an ordinary Examination for the B.A. Degree, and paid the Degree fee—£10—to the Senior Proctor.

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[a] See note b, p. 275.

Bachelor in Dental Science (B. Dent. Sc.).

The total Fees in order to obtain the degree of Bachelor in Dental Science are:—

Entrance Fee, Arts Fees (4 years), and Fee for B.A. Degree, ...	£101	0	0
Lecture, Laboratory, and Hospital Fees—			
First Winter	£11	11	0
First Summer	9	9	0
Second Winter	28	7	0
Second Summer		—	
Third Winter	78	18	0
Third Summer		—	
Fourth Winter	62	17	0
Fourth Summer	2	2	0
Examination Fee	5	0	0
Fee for Degree	10	0	0
	£309	4	0

EXAMINATIONS.

For dates of Examinations, and regulations regarding Entries for Examinations, see pages 292–294.

Graduates in Medicine of the University of Dublin who desire to take a degree in Dentistry are admitted to the B. Dent. Sc. Examination on producing certificates as follows:—

1. One year's attendance at the surgical practice of a recognized Dental Hospital.
2. Two years' practical Dental Mechanics.
3. Lectures on Dental Surgery and Pathology, Mechanics, Anatomy, Orthodontia, and Anæsthetics.

Master in Dental Science (M. Dent. Sc.).

Candidates for the Degree of Master in Dental Science must be Bachelors in Dental Science of at least one year's standing. They will be required to pass an examination in Pathology and Bacteriology, and either to carry out Dental work of an advanced character to the satisfaction of the Examiners, or to present a thesis, to be approved of by them, giving evidence of original research on some subject connected with Dentistry.

The fee for the M. Dent. Sc. Examination is £5, and the fee for the Degree is £10.

PRIVILEGES ATTACHED TO THE SCHOOL OF PHYSIC.

PRIVILEGES OF MATRICULATED STUDENTS.

Students in Arts are entitled to attend a Course of Lectures in Surgery, in Botany, and in Zoology at a reduction of one-half, and in Chemistry at a reduction of one-third, of the usual Fees. They are also entitled to a Course of Experimental Physics free.

ARTS DEGREE.

REGULATIONS FOR MEDICAL AND DENTAL STUDENTS.

1. In order to join the Medical or Dental School, a Student must have either

(*a*) passed a Junior Freshman Term Examination, exclusive of Trigonometry,

or

(*b*) passed either the Special Preliminary Examination held in March or that held in the first days of October. The standard subjects are those of the Hilary Junior Freshman Examination,*

or

(*c*) obtained at the Examination for Junior Exhibitions marks showing sufficient merit in the subjects of (*a*) or (*b*).

Note.—Rising Junior Freshmen desiring to begin their Medical or Dental Curriculum have the privilege of presenting themselves at either the Michaelmas Junior Freshman Examination (exclusive of Trigonometry) *or* the Supplemental Hilary Examination at the end of Trinity Term, without paying the May fee of the Junior Freshman Year. But they obtain no academic credit for either examination beyond the right of entering the Medical or Dental School.

2. All Medical and Dental Students of undergraduate standing, who claim professional privileges in Arts, must attend at least one course of Arts Lectures in the Trinity Term of each year. The subjects of these lectures are as follows:—

Junior Freshman Year.

Mechanics (including Elementary Trigonometry) and English Composition.

Senior Freshman Year.

Logic (Formal) and English Composition.

Junior and Senior Sophister Year.

The two Arts Courses attended in the Trinity Terms of the Sophister Years may be any two, with English Composition, of the following

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* At the Preliminary Examination in October Students may present themselves in the subjects of the Junior Freshmen Michaelmas Term Examination, omitting Trigonometry, should they so desire.

subjects:—(1) Astronomy, (2) Languages:—French and German, (3) Psychology, (4) Ethics, (5) Political and Economic Science.

Note 1.—Students whose English Composition is unsatisfactory may be required to attend special lectures in that subject.

Note 2.—Students who enter the Medical or Dental School at the commencement of their Senior Freshman Year, and have obtained credit for only one term as Junior Freshmen, must, in the Trinity Term of the Senior Freshman Year, attend the Lectures in Logic (Formal) and English Composition, and in either the Hilary or the Trinity Term attend the Lectures in Mechanics.

Note 3.—In order to obtain credit for the Arts Term in the Junior Sophister Year, the student must pass an examination at the end of the Term in the subject in which he has attended Lectures.

Note 4.—A student, having passed the Final Freshman Examination, may obtain credit for the Arts Terms of his Sophister Years by attendance at the Sophister Moderatorship Lectures in any subject, provided that he afterwards obtains a Moderatorship in that subject, and has already obtained the B.A. Degree of another University.

3. Students who have entered the Medical or Dental School not later than the commencement of their Senior Freshman Year, and have obtained credit for such terms of Arts Lectures as they are required under § 2 to attend in the Freshman Years, will obtain credit for the Final Freshman Examination by passing—

(*a*) The Preliminary Scientific Examination of the Medical School, or the Preliminary Scientific Dental Examination and the Examination in Dental Anatomy.

(*b*) An Examination in Mechanics, Logics, English Composition, and one of the following languages:—Greek, Latin, French, German.

The Examination in Mechanics may be taken concurrently with the rest of the Arts part of the Final Freshman Examination, or as in § 4. If taken as in § 4, this examination must be passed before the Final Freshman Examination.

A student need not have passed (*a*) in whole or in part before presenting himself for (*b*), but he must have passed both before the Trinity Lectures of his Junior Sophister year.

4. An Examination will be held in the Mechanics of the Final Freshman Course (including Elementary Trigonometry), at the date of each of the Preliminary Scientific Examinations.

5. No student will be allowed to attend the Arts Lectures in the Trinity Term of the Junior Sophister Year until he has obtained credit for the Final Freshman Examination.

6. Students who have obtained credit for such attendance at Arts Lectures of the Sophister years as is required of them under § 2, and who have made satisfactory progress with their Medical studies during those years (see § 7), may present themselves for the Arts portion of their Degree Examination.

At this Examination the student must pass in English Composition and the subject in which he has attended lectures in his Senior Sophister Year.

7. The words 'satisfactory progress' in § 6 are thus interpreted. Before presenting themselves for the Arts Degree—

(*a*) Students who have entered the School not later than the commencement of their Senior Freshman Year must have passed Part II. of the Intermediate Medical Examination, or have passed the Intermediate Dental Examination, and kept one year at the Dental Hospital to the satisfaction of their teachers.

(*b*) Those who have entered the School not later than the commencement of their Junior Sophister Year must have passed Part I. of the Intermediate Medical Examination, or the Intermediate Dental Examination.

(*c*) Those who have entered the School not later than the commencement of their Senior Sophister Year must have passed the Preliminary Scientific Examination, or the Preliminary Scientific Dental Examination, and the Examination in Dental Anatomy.

Note.—These regulations may be relaxed in the case of candidates for Moderatorship.

8. Students who have satisfied the conditions laid down in § 6 may obtain credit for the Degree Examination, either

(*a*) by passing in the Arts subject in which he has attended lectures in his Senior Sophister Year and in English Composition at an ordinary examination for the B.A. Degree, and passing Part II. of the Intermediate Medical Examination, or the Intermediate Dental Examination.

or

(*b*) by obtaining a Moderatorship, or by passing the full ordinary examination for the B.A. Degree.

9. A student who has failed to obtain credit for attendance at the Arts Lectures given in Trinity Term, whether through sickness, or irregular attendance, or want of diligence, or by failing to pass the Examination mentioned in § 2, note 3, or from any other cause, may supplement the Term as follows:—

(*a*) If a Junior Freshman, he may pass the Junior Freshman Michaelmas Term Examination, or the Senior Freshman Hilary or Trinity Term Examination.

(*b*) If a Senior Freshman, he may supplement the Trinity Senior Freshman Examination in October or in the following January; and may pass the Final Freshman Examination for Medical Students in Hilary or supplement it in Trinity following.

(*c*) If a Junior Sophister, he may pass the Michaelmas Examination of his class, or the Hilary or Trinity Examination of the Senior Sophister Year, taking English Composition and two subjects.

(*d*) If a Senior Sophister, he must supplement a Senior Sophister Examination, taking English Composition and three subjects.

A Student who fails to comply with these Rules loses his class.

Note.—A Junior Freshman who is prevented by sickness, or other sufficient reason, from attending Lectures in Trinity Term, may, by special permission of the Senior Lecturer, take a second course in his Senior Freshman year instead.

10. If at any time a Student is reported by the Medical School Committee to the Senior Lecturer, as having ceased to pursue his studies with diligence, he shall thereupon lose the privileges accorded to Medical or Dental Students, until such time as the Medical School Committee report that he has resumed diligent attendance.

If such unfavourable report be made at the end of the Summer Session, the Student will obtain no academic credit for the Arts Lectures he may have attended during the Trinity Term of that year.

11. Medical and Dental Students who do not claim professional privileges may keep their course in Arts by passing the usual Term Examinations and Degree Examination in full. Those who have kept part of their course in this way, may, at any time, claim the privilege of completing it under the scheme detailed above.

PRIZES.

The following Prizes, obtainable either during, or at the completion of, the preceding Courses of Education, are open to the Students of the School of Physic.

MEDICAL AND SURGICAL TRAVELLING PRIZES.

A Prize of £100, founded in 1869, is awarded by the Board, in alternate years, to the best answerer at a special Examination in Medicine or in Surgery, provided that the merit be deemed sufficient. Successful Candidates are required to spend three months in the study of Medicine or Surgery, as the case may be, in Berlin, Paris, or Vienna. Before they can obtain the first instalment of £50, they must satisfy the Senior Lecturer that they possess sufficient knowledge of a Continental Language to derive full benefit from the Prize. The Examination is held in June, and is open to Students who have passed the Final Examination in Medicine or in Surgery, as the case may be, within two years of the Examination

In order to obtain the second sum of £50, Prizemen must have furnished to the Regius Professor their formal Report on the

Hospitals attended by them, within two years from the time of obtaining the Prize.

The subjects of the Medical Travelling Prize Examination are Clinical Medicine, Practice of Medicine, Therapeutics, Pathology, and Obstetric Medicine.

The subjects of the Surgical Travelling Prize Examination are Clinical Surgery, Operative Surgery, Pathology, Surgical Anatomy, and Ophthalmic Surgery.

In accordance with the above conditions, an Examination in Surgery will be held 6th June, 1922, at which a Surgical Travelling Prize, of the value of £100, will be competed for.

A similar Travelling Prize in Medicine will be competed for in 1923.

Notice must be given to the Registrar of the School of Physic fourteen days before the first day of Examination.

THE SIR JOHN BANKS MEDAL AND PRIZE.

These were founded in 1907 by Sir John T. Banks, K.C.B., M.D., for twenty years (1849–69) King's Professor of the Practice of Medicine, and for eighteen years (1880–98) Regius Professor of Physic. A bronze Medal is awarded to the winner, and a Money Prize, value about £15, to the second best candidate, at the Medical Travelling Prize Examination.

THE EDWARD HALLARAN BENNETT MEDAL AND PRIZE.

These were founded in 1907 by past pupils of E. H. Bennett, M.D., for nine years (1864–73) University Anatomist, and for thirty-three years (1873-1906) Professor of Surgery, in "appreciation of his eminent services to the surgical profession, and of his many acts of kindness to them while students." A bronze Medal is awarded to the winner, and a Money Prize to the second best candidate, at the Surgical Travelling Prize Examination.

FITZ-PATRICK SCHOLARSHIP.

This Scholarship was founded in November, 1901, by Mrs. Fitz-Patrick, in memory of her husband, Thomas Fitz-Patrick, M.D. (Dubl.). It consists of the interest on £1000. It will be awarded annually to the Student who obtains the highest aggregate marks at Part II. of the Intermediate, and Parts I. and II. of the Final Examinations, provided that the Student has completed the Medical Course in the prescribed period of five years.

MEDICAL SCHOLARSHIPS.

Two Medical Scholarships, founded in 1860, are offered annually, tenable for two years, with a Salary of £20 per annum, one being for Anatomy and Physiology, the other for Chemistry, Physics, Botany, and Zoology.

The following Regulations have been adopted:—

(1). No Students can compete for the Scholarship in Anatomy and Physiology after the completion of their third year; nor for that in Chemistry, Physics, Botany, and Zoology, after the completion of their second year.

Students who enter the Medical School in a Summer Session will be allowed to compete for Scholarship in Anatomy and Physiology at the end of their Fourth Summer Session.

(2). No Student can hold both Scholarships together.

(3). Sixty per cent. of the marks at the Examination for the Scholarship in Chemistry, Physics, Botany, and Zoology, are allowed to the two former, and the remaining forty per cent. to the two latter subjects.

The best answerers at the Examination are elected to these Scholarships, provided that they have their names on the College Books, have kept one *Annus Medicus* in the School of Physic, have obtained credit for the prescribed Arts exercises, and that their answering is of a high order.

Graduates in Arts otherwise qualified may be Candidates for Medical Scholarships without having their names on the College Books.

Candidates for the Scholarship in Chemistry, Physics, Botany, and Zoology, are recommended to attend the Demonstrations of the Professors of Botany and Zoology during Michaelmas, Hilary, and Trinity Terms.

Candidates for Medical Scholarship will be allowed to substitute attendance on the Lectures and Demonstrations in Zoology and Comparative Anatomy given in Michaelmas, Hilary, and Trinity Terms for attendance on the Lectures in Zoology given during the Summer Session.

DR. HENRY HUTCHINSON STEWART MEDICAL SCHOLARSHIPS.

Dr. Henry Hutchinson Stewart Scholarships in (*a*) Anatomy and Institutes of Medicine, and in (*b*) Chemistry, Physics, Botany, and Zoology, of the value of £10 per annum, tenable for three years, are awarded from time to time.

The Regulations for these Scholarships are:—

Students may be of any standing in Arts.

No Student is allowed to compete a second time for a Scholarship in the same subjects.

A Scholarship will be awarded to :—

(*a*) The Candidate who obtains first place at the Intermediate Examination, Part I, in June, provided that, in the opinion of the Examiners, he obtains High Marks, and

(*b*) The Candidate who obtains the highest total of marks at the Examination in Physics in March, and the Examinations in Botany and Zoology, and Chemistry, in June, provided that, in the opinion of the Examiners, he obtains High Marks.

No Student may compete for (*b*) who has been more than two Summer and one Winter Session in the School, or for (*a*) who has been more than three Summer and two Winter Sessions in the School. Equal marks will be awarded to Anatomy and Physiology in (*a*), and to each of the four subjects, Botany, Zoology, Chemistry, and Physics in (*b*).

DR. HENRY HUTCHINSON STEWART SCHOLARSHIPS IN MENTAL DISEASE.

These Scholarships are awarded from time to time. They are of value about £50 per annum, and are tenable for three years. The Regulations are as follows:—

An Examination will be held for a Scholarship on June 12th, 1922.

Candidates must have passed the M.B. Examination not more than seven months previously.

The successful candidate must spend not less than six months as resident or outdoor pupil in a recognized Institution for the treatment of Mental Diseases approved by the Board of Trinity College, and under such conditions as they shall from time to time prescribe ; this period to be commenced within six months from the date of election.

The Scholarship will not be awarded unless sufficient merit be shown.

No person will be admitted to compete a second time for the Scholarship.

The subjects for the Examination are Mental Diseases and the methods of examining Nervous Tissues.

Candidates are recommended to read:—

Psychological Medicine by Maurice Craig.

JOHN MALLET PURSER MEDAL.

The past pupils of John Mallet Purser, M.D., King's Professor of the Institutes of Medicine in the School of Physic, Trinity College, wishing to permanently record their appreciation of him

as a teacher, their respect for him as a scientist, and their regard for him as a friend, at the completion of the twenty-fifth year of his Professorship, subscribed a sum of money for the purpose of founding a medal in the School of Physic to be called the "John Mallet Purser Medal." The dies, which cost £73 10*s*., and the sum of £42 were handed over to the Board to present annually a bronze medal in Physiology and Histology at the Intermediate Medical Examination, Part I. The Board accepted the gift, and agreed to the following conditions:—

1. That the Medal be called "The John Mallet Purser Medal."
2. That the Medal be awarded annually to the Student who, at the ordinary June Intermediate Medical Examination, Part I., shall obtain the highest marks in Physiology and Histology, provided that, at the same time, the Student is successful in passing the Intermediate Medical Examination, Part I.
3. That no students may compete for the Medal, who, at the time of the Examination, shall have spent more than three years since entering for their first classes in the Medical School.

The Medal is presented to the successful Candidate at the opening meeting of the University Biological Association, which is usually held in November.

DANIEL JOHN CUNNINGHAM MEMORIAL MEDAL AND PRIZE.

On November 3rd. 1909, a Meeting of former pupils and friends of the late Professor Daniel John Cunningham resolved to establish a Memorial of his work in connexion with the Medical School of Trinity College, Dublin. It was decided to place a Bronze Portrait Panel in the Department of Practical Anatomy, and to establish a Medal and Prize in Anatomy to be awarded each year at Part I of the Intermediate Examination which is held in June.

The entire work connected with the designs for the Medal and Portrait Panel was entrusted to Mr. Oliver Sheppard, R.H.A. The Panel has been placed in a suitable position in the Dissecting Room of Trinity College, and the first award of the Medal was made in June, 1910.

As a result of communications with the Cunningham Memorial Committee of the University of Edinburgh, it was decided that the Memorials in Dublin and Edinburgh Universities should be on the same lines, and it was arranged that the Bronze Portrait Panels for the Dissecting Rooms of the two Universities should be identical, and that the obverse of the Medals established in Dublin and Edinburgh should also be identical.

The Medal and Prize are awarded to the Student who obtains highest marks in Anatomy at Part I of the Intermediate Examination, held in June, provided that at the same time he is successful in completing his Examination.

No Student is eligible who, at the time of the Examination, has been longer than three years in the School of Medicine.

BEGLEY STUDENTSHIPS.

In Trinity Term, 1905, bequests from William Chapman Begley, B.A., M.B. of £5200, 2½ per Cent. Consols, and from his wife, Jane Begley, of £1004 14*s.* 6*d.*, for the purpose of endowing four Medical Studentships, were received by the Board.

The Studentships are open to all Undergraduates who have passed the Final Senior Freshman Examination, and who have entered or intend immediately to enter the Medical School. Where the qualification and merits of the Candidates for the Studentships are, in the opinion of the Board, otherwise equal, preference is given according to the seniority of their standing in Arts at the time of their entering the School. Every Student during his tenure shall pursue his studies in the School to the satisfaction of the Board; if he fails to do so, or is guilty of any serious misconduct or breach of College discipline, he shall cease to be entitled to the Studentship, unless for special reasons the Board shall determine otherwise.

One Studentship, value about £37 per annum, tenable for four years, or until the holder becomes medically qualified, is awarded annually about the last Saturday in November. Candidates must apply through their Tutors to the Board, and submit a list of their distinctions in Arts, and also of their distinctions in Medicine, if they have been for some time students in the School.

KINGSMILL JONES MEMORIAL PRIZE.

Captain Kingsmill Williams Jones, M.D., D.S.O., R.A.M.C., was killed in action on August 2, 1918, while attending the wounded in the front line.

His friends and relatives, wishing to associate his name for ever with Trinity College, subscribed, in 1920, the sum of £300 to found a prize to be called the "Kingsmill Jones Memorial Prize."

The interest of this money will be awarded annually in Michaelmas Term to the medical student who shows the best general knowledge of Natural or of Experimental Science, or of both, as shown by the results of the Honor Examinations in Arts in these subjects.

PROFESSORS' PRIZES.

The Professor of Practice of Medicine gives Prizes in the Winter Course amounting to £5.

The Professor of Materia Medica gives Prizes in the Summer Course amounting to £5.

The Lecturer on Medical Jurisprudence gives Prizes in the Summer Course amounting to £5.

All the Professorial awards are open to Extern as well as College Students.

Sessional Examinations in Anatomy are held at which Honor Certificates are awarded to those candidates who show sufficient merit.

MUSEUMS.

The Museums of Zoology and Comparative Anatomy, of Pathology, of Materia Medica, and of Botany, are open to the Students of the School of Physic for the purpose of Education.

I.—MUSEUM OF ZOOLOGY AND COMPARATIVE ANATOMY.

Curator—J. Bronté Gatenby, B.Sc., D.Phil., Professor of Zoology and Comparative Anatomy.

The present building was completed in 1876, and contains the Zoological Collection formerly kept in the Regent House: and the Comparative Anatomy Collection, formerly combined with that of Pathology, and kept in the Medical School.

The Zoological Museum was founded in 1777, and contains a large series of typical specimens. The Mammals, Birds, and Reptiles are arranged on the ground-floor. The Amphibians and Fishes are in the gallery. The Invertebrates are arranged in the table cases, with the exception of the Insects, which are in cabinets in the Curator's room. The centre of the hall is occupied by the skeletons of large Mammals and Birds. The Galleries contain the Anatomical collection, and a set of Microscopes, under which are arranged specimens, specially intended for the Students attending the Lectures in Zoology during the Summer Session.

There is a Zoological Laboratory in connexion with the Zoological Department, to which Students are admitted during Term on payment of a Fee of 5*s*. for the Junior, and 6*s*. 8*d*. for the Senior Division per Term. The Laboratory is provided with Microscopes and Appliances, and Students are supplied with specimens.

The Museum is open to Students daily from 11 A.M. to 4 P.M.

II.—MUSEUM OF SURGICAL AND MEDICAL PATHOLOGY.

Director—Thomas E. Gordon, M.B., Professor of Surgery.

This Museum is intended for the use of the Students in Medicine, and to illustrate the Professors' Lectures. It is open daily to Students from 11 A.M. to 4 P.M.

III.—MUSEUM OF MATERIA MEDICA.

Curator—Thomas G. Moorhead, M.D., King's Professor of Materia Medica and Pharmacy.

A Course of Demonstrations on Practical Pharmacy will be given in the Museum of Materia Medica. Each Student will be provided with apparatus and tests.

The Museum is open to Students from 11 A.M. to 4 P.M.

IV.—ANTHROPOMETRIC MUSEUM AND LABORATORY.

The Museum forms a portion of the Department of Anatomy, and is in the charge of the Professor of Anatomy. Visitors are admitted on application.

V.—HERBARIUM.

Keeper of the Herbarium.—HENRY H. DIXON, Sc.D., F.R.S.

The Herbarium is open for reference during Term. from 11 till 3; and at other times on special application to the Keeper.

It contains—

1. A Herbarium. containing the Plants indigenous to Great Britain and Ireland.

2. A General Herbarium, open to receive the Plants of all countries. This latter is particularly rich in the Plants of North America (including Mexico and California), British India, South Africa, and Australia; and less so in those of South America, North Asia, and parts of Europe.

Donations of specimens from all countries are solicited from Students of the University.

The Board allows an annual sum for the support of the Herbarium.

BOTANIC GARDENS.

Director—H. H. DIXON, Sc.D., F.R.S.

The Gardens are situated about one mile from the College, near Ball's Bridge, and now contain about eight acres of ground.

Since their inception in 1806, the Gardens have been added to in 1832 and in 1848.

The inner or original Garden contains a well-arranged collection of the principal Natural Orders of hardy plants for teaching purposes, and there are also heated plant-houses in which choice and tender exotics are grown.

A small pond is utilised for the growth of aquatic and marsh plants, and there are borders of rock-edging of considerable extent, on which herbaceous, Alpine, and bulbous plants are grown.

Classes for Students in Arts and Medicine are held in the Gardens as occasion arises. Strangers to Dublin are admitted by orders from the Provost, or from any of the Fellows, or Professors.

For the conditions under which keys giving admission to the Gardens are granted to residents in Dublin, application should be made to the Director.

MARY LOUISA PRENTICE MONTGOMERY LECTURERSHIP IN OPHTHALMOLOGY.

[Founded in 1915 by the late Robert John Montgomery, M.A., M.B. (Dubl.), F.R.C.S.I.]

The conditions and terms of appointment are determined by the following Resolutions, which have been approved by the Board of Trinity College, and by the President, Vice-President, and Council of the Royal College of Surgeons in Ireland:—

I. The Lecturer shall be appointed for one year, and shall be eligible for re-appointment year by year for a period not to exceed five years.

II. The appointment shall be made for the first five years by the Board of Trinity College, Dublin, after they have considered a report from the Staff of the School of Physic on the merits of the candidates. For the next five years the appointment shall rest with the President, Vice-President, and Council of the Royal College of Surgeons in Ireland, after consideration of a report drawn up by the Staff of the School of Surgery on the merits of the candidates.

III. The Lecturer shall give one or more formal lectures in each year to the members of the Medical Profession and Medical Students in Dublin, upon a subject connected with Ophthalmology to which he has devoted his attention during the previous year.

IV. Candidates for election, and those seeking re-election, are expected to state in what centre, and in what branch of the subject, they propose to study during a portion of the year.

V. The Board of Trinity College, Dublin, and the Council of the Royal College of Surgeons in Ireland, reserve the power of modifying, from time to time, the regulations governing both the appointment and tenure of the Lecturership.

SIR PATRICK DUN'S HOSPITAL.

Consulting Physicians.—John Mallet Purser, Sc.D., M.D., Regius Professor of Physic.
John Magee Finny, M.D.
Walter George Smith, M.D.

Physicians.—Sir James Craig, M.D., King's Professor of Practice of Medicine.
Henry C. Drury, M.D.
T. Henry Wilson, M.A., King's Professor of Midwifery.
T. G. Moorhead, M.D., King's Professor of Materia Medica and Pharmacy.

Surgeons.—Edward H. Taylor, M.D., M.Ch., Regius Professor of Surgery.
Sir Arthur Ball, Bart., M.D.

Pathologist.—E. C. Smith, M.B.

Surgeon to Department for Throat, Nose, and Ear.—Sir Robt. H. Woods, M.Ch., Honorary Professor of Laryngology and Otology.

Assistant Physician.—Edward J. Watson, M.D.

Assistant Surgeons.—Isaac W. Corkey, M.D., M.Ch., F.R.C.S.I.
Edward D'A. M'Crea, M.B.

X-Ray Department.—Edward J. Watson, M.D.
Anæsthetist.—W. C. P. Smyly, M.D.
House Surgeon.—W. B. J. Pemberton, M.B.
Dentist.—J. I. Kelly, M.Dent.Sc.

SCHOOLS AND HOSPITALS RECOGNIZED BY THE BOARD OF TRINITY COLLEGE.

The following Dublin Hospitals, in addition to Sir P. Dun's Hospital, are recognized by the Board of Trinity College:—

General Hospitals.

Adelaide Hospital.
Royal City of Dublin Hospital.
Dr. Steevens' Hospital
Jervis-street Infirmary.
Mater Misericordiæ Hospital.
Mercer's Hospital.
Meath Hospital.
Richmond, Whitworth, and Hardwicke Hospitals.
St. Vincent's Hospital.

Ophthalmic Hospital.

Royal Victoria Eye and Ear Hospital.

Midwifery Hospitals.

Rotunda.
Coombe.
National Maternity.

Hospitals for Study of Mental Disease.

Richmond Lunatic Asylum.
Swift's.

Courses of instruction taken at the Medical Schools of the following Institutions are recognized by the Board of Trinity College as qualifying for admission to the examinations in the School of Physic, if equivalent to the Courses given therein, provided that no student be permitted to take any of the Degrees in Medicine, Surgery, or Midwifery, unless he has attended at least three of the necessary five years in the School of Physic, Trinity College:—

The Royal College of Surgeons in Ireland.
The Queen's University, Belfast.
The University College of South Wales and Monmouthshire.
The University of Adelaide.
The University of Bombay.
The University of Calcutta.
The University of Lahore.
The M'Gill University, Montreal.
The University of Madras.
The University of Melbourne.
The University of Otago.
The University of Sydney.
The University of Toronto.

For the terms of admission of Students from the University of Cape Town and the University of South Africa, see pages 82–84.

For the Exhibition awarded to Graduates in Medicine of Melbourne University, see page 85.

RECOGNITION BY THE UNIVERSITY OF TEACHING INSTITUTIONS WITHIN THE BRITISH DOMINIONS.

Recognition of Courses, in the case of Students of Medicine, taken at Universities and Colleges of the British Dominions.

The Board and Council are prepared, in the case of students of medicine, to consider applications from Dominion Universities and Colleges for recognition of courses of instruction given by them the following regulations are complied with:—

1. The application for recognition shall be made to the Registrar of the College, and shall supply information under the following headings:—

(*a*) The names of the subjects for the teaching of which recognition is sought.

(*b*) The names of the teachers in each subject whose courses are to be recognized, a note of their university degrees, or other qualifications, and a statement of their published work. Particulars regarding the opportunities which each teacher has had of qualifying himself for the work which he undertakes, and of the length of time during which he has devoted himself to the teaching of his subject, should be included.

(*c*) The names and qualifications of any assistants employed in conducting the courses for which recognition is sought, and a note of the amount of teaching entrusted to each.

(*d*) A note of the average number of students attending the courses under consideration.

(*e*) A note of the number of lecture hours devoted to each course, of the number of written or *viva voce* examinations held during the progress of the course, and a clear statement of the hours necessarily spent in practical class-work by the students of each subject.

(*f*) A detailed syllabus of each course, and a time-table showing the hours at which the various classes meet, and the duration of the courses. The fees charged for the courses of instruction should also be noted.

(*g*) A short description of the accommodation which each teacher has at his disposal, and a note of the apparatus, illustrative museum specimens, diagrams, and other appliances which he has for use in his teaching-work.

2. Every recognized Institution shall at the end of each year furnish to the Registrar of the Medical School of Trinity College a statement showing:—

(*a*) The number of students who have attended each of the recognized courses in a satisfactory manner.

(*b*) A clear statement of any changes which it is proposed to introduce regarding the conduct of the courses for next session.

(*c*) A note of any changes made during the year, or proposed to be made, in the personnel of the teaching staff responsible for the recognized courses.

3. A certificate of attendance on a recognized course can only be accepted if it clearly states that the student has satisfactorily performed the work of the class. The certificate must also show the number of attendances made by the student, and the total number of possible attendances. In each certificate, attendance upon practical class-work, lectures, and class-examinations should be distinguished.

4. The University shall, if it thinks fit, defer recognition until an inspection has been made of the accommodation, apparatus, and teaching-appliances of the Institution making application.

5. A recognition once granted may be withdrawn, or suspended, at any time, should the University deem such action desirable.

6. No recognition of courses granted under this scheme will exempt a student wishing to take the degree of the University of Dublin from spending at least three full years of Medical study in Trinity College.

Applications from individual students for recognition of courses taken by them in Colonial Universities or Colleges shall, as hitherto, be decided on by the Board of Trinity College after consultation with the Medical School Committee, and the Tutors' Committee.

DATES OF EXAMINATIONS.

Schools of Physic and Dental Science.

NOTICE of intention to enter for any Examination must be given to the Registrar of the School of Physic, on the printed forms provided, *not less than fourteen clear days before* the Examination begins. A Tardy Entry Fee of 2*s*. 6*d*. for each working day in arrear will be charged up to a maximum of six days, after which no entry can be received.

Certificates, when required, and fees, when due, are to be presented or paid when entering for an Examination; if this be not done, the entry will not be received.

The following Table gives the dates at which the Examinations begin:—

Entrance Examination in Arts for Medical Students—Saturday, October 1, 1921; Saturday, March 18, Monday, October 2, 1922.

Special Preliminary in Arts for Medical Students—Tuesday, October 4, 1921; Tuesday, March 21, Wednesday, October 4, 1922.

Preliminary Scientific Medical and Preliminary Scientific Dental—Monday, October 3, 1921; Monday, March 6, Monday, June 19, Monday, October 2, 1922.

Preliminary Scientific (Physics and Chemistry only)—Monday, March 13, 1922.

Intermediate Medical Examination—

Part I.—Monday, October 3, 1921; Monday, March 6, Monday, June 19, Monday, October 2, 1922.

Part II.—Monday, October 3, 1921; Monday, March 13, Monday, June 26, Monday, October 2, 1922.

Intermediate Dental Examination—

Monday, October 3, 1921; Monday, March 6, Monday, June 19, Monday, October 2, 1922.

Final Medical Examination—

Part I.—Monday, October 10, 1921; Monday, March 13, Monday, June 19, Monday, October 9, 1922.

Part II.—*Medicine*, Monday, December 5, 1921; Monday, March 6, Monday, June 12, Monday, December 4, 1922.

Surgery, Monday, November 28, 1921; Monday, March 13, Tuesday, June 6, Monday, November 27, 1922.

Midwifery, Monday, November 28, 1921; Monday, March 20, Tuesday, June 6, Monday, November 27, 1922.

Examination for B. Dent. Sc. Degree and M. Dent. Sc. Degree—

Monday, November 28, 1921; Monday, March 13, Tuesday, June 6, Monday, November 27, 1922.

Examination for M. A. O. Degree—

Monday, November 28, 1921; Monday, March 20, Tuesday, June 6, Monday, November 27, 1922.

Examination for M.Ch. Degree—

Monday, November 28, 1921; Monday, March 13, Tuesday, June 6, Monday, November 27, 1922.

Examination for Diploma in Public Health—

Part I.—Monday, October 10, 1921; Monday, March 6, Monday, June 19, Monday, October 9, 1922.

Part II.—Thursday, October 13, 1921; Thursday, March 9, Thursday, June 22, Thursday, October 12, 1922.

EXAMINATIONS FOR PRIZES.

Begley Studentship—See page 286.

Kingsmill Jones Memorial Prize—See page 286.

Medical Scholarship—

Physics, Monday, March 13, and Chemistry, Botany, and Zoology, Monday, June 19, 1922.

Anatomy and Physiology, Monday, June 19, 1922.

The John Mallet Purser Medal—

Awarded for Physiology and Histology at the Intermediate Medical, Part I., in June.

The Daniel John Cunningham Medal—

Awarded for Anatomy at the Intermediate Medical, Part I., in June.

Fitzpatrick Scholarship—

Awarded annually to the Student who obtains the highest aggregate marks at Part II. of the Intermediate, and Parts I. and II. of the Final Medical Examinations.

Surgical Travelling Prize, and Bennett Medal and Prize—Tuesday, June 6, 1922.

SCHOOL OF ENGINEERING.

Teaching Staff.

I.—*Mathematics.*

R. A. P. Rogers, M.A., Fellow and Tutor of Trinity College, Dublin, and Donegal Lecturer in Mathematics in the University of Dublin.

II.—*Mechanics.*

J. Fraser, M.A., Fellow and Tutor of Trinity College, Dublin, and Assistant to the Professor of Natural Philosophy in the University of Dublin.

III.—*Experimental Physics.*

W. E. Thrift, M.A., Hon. M. Inst. C.E.I., M.I.E.E.; Fellow of Trinity College, Dublin, and Erasmus Smith Professor of Natural and Experimental Philosophy in the University of Dublin.

Harry Thrift, M.A., F.T.C.D.
H. H. Poole, Sc.D.
} Assistants to the Erasmus Smith Professor of Natural and Experimental Philosophy.

IV.—*Chemistry.*

Sydney Young, Sc.D., F.R.S., Professor of Chemistry in the University of Dublin.

E. Werner, Sc.D., F.I.C., F.C.S.L., Professor of Applied Chemistry.

W. C. Ramsden, F.C.S.L., Assistant to the Professor of Chemistry.

V.—*Geology, Petrology, Mineralogy, and Mining.*

John Joly, M.A., B.A.I., Sc.D., F.R.S., Professor of Geology and Mineralogy in the University of Dublin.

VI.—*Engineering.*

David Clark, B.Sc. (Lond.), M.Inst.C.E., Professor of Civil Engineering in the University of Dublin.

W. E. Lilly, M.A.I., Sc.D., M.I.C.E.I.,
J. T. Jackson, M.A.I., M.A.,
} Assistants to the Professor of Civil Engineering.

VII.—*Electrical Engineering.*

Wm. Tatlow, B.A.I., A.M.I.E.E., Lecturer in the Practice of Electrical Engineering.

Lecturer in Electric Traction.

George Marshall Harriss, Electrical Engineer to the Dublin United Tramways Company.

VIII.—*Mechanical Engineering.*

W. E. Lilly, M.A.I., Sc.D., Wh. Ex., M.I.Mech.E., Lecturer in Mechanical Engineering.

Introductory.

THE School of Engineering in the University of Dublin was established in the year 1842 for the purpose of affording to such Students as intend becoming Civil Engineers systematic instruction in those branches of knowledge which are most useful to the Engineer in the practice of his profession.

While keeping this object in view, it has been deemed advisable to require the Student, during his Course in the School, to be a member of Trinity College, and subject to its regular discipline, giving him at the same time the opportunity of obtaining the advantages of a general University Education.

Membership of Trinity College.

In order to become a member of the College, it is necessary to pass the Entrance Examination, and pay the Entrance Fee of £15.

The Course for this Examination is given in the Calendar, p. 30, or in the Shorter Programme, p. 2. The dates at which it is held are given in the Calendar, pp. 1* to 5*, or in the Shorter Programme, p. 2.

Admission to the School of Engineering.

Having become a member of the College, the Student is eligible for admission to the School of Engineering, which is obtained by his passing a further Examination (in the subjects enumerated below), held annually at the end of Trinity and also at the beginning of Michaelmas Term. Students can join the classes only at the beginning of Michaelmas Term. Students intending to enter must be at the Engineering School at 10 o'clock on the day fixed in the Almanac.

Subjects for Entrance Examination to Engineering School.

Arithmetic.
Algebra (to the end of Quadratic Equations).
Geometry (Euclid, first six Books).
Trigonometry (to the end of Solution of Plane Triangles).
Elementary Mechanics.

Upon passing this Examination the Candidate is admitted to the School, and begins his studies in it.

Duration and Subjects of Professional Course.

The Professional Course continues for three or four years, as explained below, from the time of entering the School, during which instruction is given partly by Lectures, and partly in Laboratories and in the Field, being arranged thus:—

First Year (Junior Class).

Mathematics.
Mechanics.
Experimental Physics.
Chemistry.
Elementary Geology and Mineralogy.
Drawing and Practical Geometry.

Second Year (Middle Class).

Practical Mechanics.
Theory of the Steam Engine.
Chemistry—Analyses of Ores, Minerals, &c.
Elementary Geology.
Drawing, Designing, and Office Work.
Levelling, Surveying, and General Engineering.
Electrical Engineering.

Third Year (Senior Class).

Mineralogy, Petrology, Field Geology, and Mining.
Drawing, Designing, and Office Work.
Levelling, Surveying, and General Engineering.
Electrical Engineering and Mechanical Engineering.

Fourth Year (Optional).

Electrical and Mechanical Engineering.

An optional fourth year's Course has been instituted, and Students wishing to make a special study of Electrical Engineering are recommended to do so in this fourth year.

Students taking the ordinary three years' Course are allowed to specialise during part of the third year, and to present themselves accordingly in special Papers at the Final B.A.I. Examination: those who may wish to devote themselves to the ordinary Civil Engineering work being only required to study a certain part of the Electrical Engineering work, and to take at the B.A.I.

Examination a certain part of the Electrical Engineering Examination in addition to the full Civil Engineering Examination; and those who may wish to devote themselves to Electrical Engineering being allowed to substitute the Electrical Engineering Lectures and Demonstrations of the Lecturer in the Practice of Electrical Engineering, for certain parts of the Civil Engineering work, as arranged by the Professor of Civil Engineering, and to be allowed to substitute the Electrical Engineering Examination for two of the Papers set by the Professor of Civil Engineering at the B.A.I. Examination: the Drawing of Students thus specialising will be arranged so as to be suited to their Electrical Engineering work as far as possible.

Examinations.

At the end of the Trinity Term, in each year, the Junior and Middle Classes are examined as to their proficiency in the subjects they have been lectured in previously; and no Student can rise from a lower to a higher Class except he shall have *first* obtained credit for the necessary attendance at the Lectures delivered to his Class, and at Laboratory and Field Work and in the Drawing School, during each of the three Terms of the Academic Year then closing, and also have passed the Examination at the end in the Trinity Term above mentioned or a Supplemental Examination at the beginning of the following Michaelmas Term.

A Student who has failed to pass one of these Examinations may, on payment of half the Fee for the corresponding year, attend over again the Lectures in the subjects in which he was deficient.

A part of the regular Final (or Degree) Examination of the Senior Class is held at the end of Trinity Term, and the remainder in Michaelmas Term. There is also a Supplemental Examination at the beginning of the next Trinity Term.

Students are required to give notice to the Registrar of the School of their intention to present themselves at any of these Examinations at least a week before the commencement of the Examination, and at the same time to send in their Drawings, &c., to the Professor of Engineering or his Assistant.

Attendances at Lectures, &c.

In order to obtain credit for attendance at Lectures, a Student must have attended at least three-fourths of the Lectures delivered to his Class by each Lecturer during each of the three Terms in the Academic Year.

To obtain credit for *Office Work, &c.*, the following attendance in the Drawing School is necessary :—

Middle Class, at least 14 hours each week during Term.
Senior Class, „ 16 „ „ „

That is, the work done by each Student in the Drawing School from week to week must be equivalent to these numbers of hours work in the judgment of the Professor of Engineering.

To obtain credit for *Field Work*, the Student must attend during the entire time on at least three out of every four occasions when the Professor of Engineering or his Assistant takes the Class out for practical instruction in the Field.

And he must further make out and plot as many Surveys and Sections as the Professor of Engineering may consider it desirable to require of him, in order to ensure his proficiency in these branches.

The time thus occupied will be credited to the Student as if spent in the Drawing School.

The hours spent at Arts Lectures or Laboratory Work count as half that number of hours' attendance in the Drawing School. Notice must, however, be given to the Assistant to the Professor of Engineering during the first week of such attendance.

Eighteen hours' attendance is sufficient for the fortnight within which a Student has to pass an Arts Examination, and a similar notice to that mentioned in the preceding paragraph must be given in order to obtain this remission.

Certificate in Engineering.

Upon concluding the Senior Year of his Course, and obtaining credit for the required attendance at Lectures, and at Field and Office Work, the Student, after passing the final Examination, will be entitled to receive the Certificate in Engineering granted by the Professors of the Engineering School.

License in Engineering.

A Student who has not only completed his Course in the Engineering School, but has also completed the first two years of the Course in Arts, and passed the Final Freshman Examination ("Littlego"), will be entitled to receive the License in Engineering granted by the University.

Degree of Bachelor in Engineering.

A Student who has not only completed his Course in the Engineering School, but also graduated in Arts, will be entitled to proceed to the Degree of Bachelor in Engineering.

Degree of Master in Engineering.

A Bachelor in Engineering, who has been actually engaged upon Engineering Works for a period of three years, is entitled to proceed to the Degree of Master in Engineering.

Diploma in Electrical Engineering.

A Course in Electrical and Mechanical Engineering is provided for those Students who may study the subject in the Optional fourth year, and a Diploma in Electrical Engineering is awarded to Students taking out this Course satisfactorily.

Honors in the Engineering School.

Honors are awarded at the Degree Examination by giving Special Certificates for superior merit in each of the following subjects:—

1. Practical Engineering.
2. Mechanical and Experimental Physics.
3. Mining, Chemistry, Geology, and Mineralogy.
4. Electrical Engineering.

In the first and fourth, Honors are awarded on the results of the corresponding parts of the Degree Examination; in the second, on the combined results of Examinations in the subjects at the close of the Junior and Middle Years; and in the third, on the combined results of Examinations in Chemistry at the close of the Junior and Middle Years; in Elementary Geology at the end of the Middle Year; and in Mineralogy, Petrology, Geology, and Mining at the Degree Examination.

No private Certificate can be issued by any Professor or Lecturer connected with the School.

Scale of Fees and Charges.

COLLEGE FEES.

Entrance Fee to College (which must be paid at latest within twelve days after his Entrance Examination is passed), ...	£15 0 0
Half-yearly Fee for keeping name on College Books, payable to the Junior Bursar *before* the first Saturday in May and the first Saturday in November,[a] . .	10 10 0

ENGINEERING SCHOOL FEES.

In addition to the foregoing College Fees for Entrance to College and keeping name on Books, the Student will have to make the following annual payments:—

In the Junior Class, ...	£10 0 0
,, Middle ,, ...	£15 0 0
,, Senior ,, ...	£15 0 0
,, Optional fourth year,[b] . .	£15 0 0

[a] For students who entered before Jan. 1, 1921, the Fee is £8 8s.

[b] If the Student paying this Fee be a graduate, he is not required to continue paying the ordinary College half-yearly Fees.

These latter annual payments in the Engineering School should be made to the Junior Bursar *before* Nov. 20 in each year. After the date a fine of 5*s*. per week commenced is inflicted, and after two weeks the names of all Students whose Fees are then unpaid are removed from the books of the Engineering School.

Students in Engineering requiring to use the Drawing School only, may do so on payment of £5 for the half-year in which they use it.

The Fee for the License in Engineering or for the Degree of Bachelor in Engineering is £1.

The Fee for the Degree of Master in Engineering is £10.

A Fee of 10*s*. is payable on taking out the *Testimonium* of the Degree of Master in Engineering.

All the Fees are payable to the Junior Bursar, except those for Licenses and Degrees in Engineering, which are payable to the Senior Proctor.

A Student in the Engineering School may, should he so desire, pursue his Course in Arts at the same time, without having to pay any further Fees than those already specified.

Students who have passed the B.A. Degree Examination need not pay the half-yearly College Fee in May of their Senior Year, as their names are kept on the College books till the end of June. Such Students must pay a *liceat ad examinandum* fee of one guinea and the ordinary replacement fee of 15*s*. before entering for their final Engineering Examination.

Laboratories and Museums, &c.

Attached to the School there are large Laboratories, Museums, and a Model Room, containing numerous valuable models of Engineering Works and Machinery, which are of great assistance to the Students in pursuing their studies.

Syllabus of the Course.

The instruction given to the Students by the different Professors and Lecturers connected with the School is arranged as follows, subject to such modifications and alterations as the circumstances require:—

I.—Mathematics.

The Lecturer in Mathematics delivers about 90 Lectures to the Students, during the first year of their Course, upon the following subjects:—

1. Plane Trigonometry, and the nature and use of Logarithms.
2. Differential Calculus.
3. Integral Calculus and Mensuration, &c.

II.—Mechanics, &c.

The Lectures and Demonstrations upon Mechanics and Mechanism, Hydrostatics, &c., extend over the first two years, and reach the number of about 120, the subjects treated of being—

In the Junior Year—

Theoretical Mechanics.
Demonstrations with practical instruction in Elementary Mechanics.

In the Middle Year—

Applied Mechanics, including Kinematics of Machines.
Demonstrations with practical instruction in Experimental Mechanics and Mechanism.

III.—Experimental Physics.

The Erasmus Smith Professor of Experimental Physics and his assistants deliver about 52 Lectures to the Junior Class, 30 to the Middle Class, and 20 to the Senior Class, on the subjects enumerated below:—

To the Junior Class.

Heat.
Electricity and Magnetism.
Sound and Light.

To the Middle Class.

The Theory of the Steam Engine.
Electrical Engineering.

The Steam Engine Lectures are delivered to the Middle Class in Michaelmas Term, the practical work thereon is carried out in Hilary Term, and the Preliminary Theoretical Lectures in Electrical Engineering by the Professor of Experimental Physics are delivered in Trinity Term.

To the Senior Class.

Electrical Engineering.

The Professor of Experimental Physics concludes his Course of Lectures in Electrical Engineering in the Michaelmas Term of the Senior year, and all Students are required to attend this Course. The Lecturer in the Practice of Electrical Engineering gives such of his Demonstrations as he considers necessary for all Students in Michaelmas Term; the Special Electrical Engineering Lectures and Demonstrations are given in Hilary and Trinity Terms.

Six Lectures and Demonstrations on the Dublin United Electrical Tramways system are given by the Lecturer in Electric Traction.

In addition to these Lectures, the Students are given Courses of Laboratory Instruction in Physical Measurements, and in studying the electrical installation.

The Students can, at any period of their Course, take out special Courses of practical instruction in Physical Measurements.

IV.—Chemistry.

The Professor of Chemistry's Lectures and Demonstrations are the following:—

Junior Class.

Lectures.—On three days in each week during Michaelmas and Hilary Terms. As part of the Course, the Students conduct Experiments in one of the Laboratories, which relate, as far as possible, to the processes and materials concerned in the Arts of Construction.

Middle Class.

LABORATORY PRACTICE.—During four hours in each week, from November to March, inclusive. The Course of Instruction comprises the Qualitative and Quantitative Analysis of Metallic Ores and Minerals, Assays of Metals, Testing Cements, estimation of Carbon in Iron and Steel. Analysis of Water, of Fuels, and of Furnace Gases, &c. In addition (during Hilary Term), Lectures are given on Metallurgical Processes, open to members of both Classes.

V.—MINERALOGY, PETROLOGY, GEOLOGY, AND MINING.

The Junior Class attend in *Trinity Term* a Course of Lectures introductory to the Sciences of Mineralogy and Geology in so far as these concern the Engineer. In these the Student is instructed in the nature and properties of the more important minerals and rock-forming substances. The Examination, which is held in June, is entirely practical, the Student being expected to identify and pronounce on the nature of such minerals and rocks as have been submitted to him in the Course of the Lectures.

The Middle Class attend in *Michaelmas Term* a Course of Lectures in General Geology. This Course (which is also open to Arts Students and to the Public) is prefaced by a School Course of about six Lectures recapitulating and extending the work done in the Junior Year.

The Course on General Geology extends over about twenty Lectures, and embraces Physiography and Physical Geology.

At the Examination held in May a Prize of £5 is awarded for the best answering. The Examination is conducted in part on paper and is in part practical—Minerals and Rock-specimens being submitted for identification.

The Senior Class—

In *Michaelmas Term* attend a Course of Lectures on the Mineralogy and Physical properties of the more important Rocks and Building Stones.

In *Hilary Term* a School Course of about eleven Lectures and Demonstrations on Building Stones, followed by a Course in Stratigraphical Geology and Palæontology (open to Arts Students and to the Public) extending over about eighteen Lectures.

In *Trinity Term* a Course of Lectures on Applied Geology, Ores, and Mining.

At intervals, during the year, the Class accompanies the Professor to places of Geological interest in the neighbourhood of Dublin, for practical instruction in the Field.

Candidates for the final Examination are required to prepare an original Geological Section, which must be sent in to the Professor of Geology at least a week before the final Examination. At this Examination a Prize of £10 is awarded on the marks obtained.

The Prizes in Geology and Mineralogy, awarded to second and third year's men, were founded by the Board in December, 1887.

VI.—Engineering.

During his first year in the School, the Student is instructed in Drawing by the Assistant to the Professor of Engineering, who delivers to the Class three Courses of Lectures, accompanied by Demonstrations (one Course each Term), making about 120 Lectures altogether on the following subjects:—

1. Use of Drawing Instruments, Scales, &c.
2. Practical Examples in Plane Geometry.
3. ,, ,, in Conic Sections.
4. Descriptive Geometry.
5. Shadows, &c.
6. Isometric Projection.

In the second and third years, Levelling and Surveying are taught practically in the Field by the Professor of Engineering and his Assistant; and the Student, when sufficiently expert, is required to perform these operations himself repeatedly and to plot his work on paper.

Regular attendance is also required in the Drawing School, where the object kept prominently in view is to make the Student an intelligent and efficient Draughtsman and familiar with the taking out of Quantities, the calculation of Strains on Bridges, Roofs, and other structures, and Office Work generally.

During the second and third years demonstrations with practical instruction are given on testing cements, a testing machine and other apparatus being provided for this purpose.

A Steam Engine and a Gas Engine are available for instruction. The new equipment of the Electrical and Mechanical Engineering Laboratory includes a Locomotive Boiler and a Compound Condensing Steam Engine of 30 H. P., equipped with feed heater, ejector, condenser, measuring tanks, and other apparatus for taking indicator diagrams and for the carrying out of efficiency tests, coal and water consumption, &c., and an 8 H. P. Gas Engine of the latest type.

In addition to this, during the two years, about 230 Lectures are delivered by the Professor of Engineering as follows:—

To the Middle Class.

On four days of each week of each Term.

Surveying.—Embracing Levelling and Surveying of all descriptions, with the nature, use, and adjustment of the instruments. Plotting plans and sections, and taking out quantities from plans. Construction of Earthwork tables. Simpson's Rules and Amsler's Integrator, and their application to areas, volumes, and the locating of centres of gravity.

Road and Railway Construction.—Route and preliminary survey, ruling gradients, equalizing earthworks, profile and side slopes. Formation and maintenance of plank and paved roads, of the Macadam and Telford road and tramway. Setting out railway curves. Execution and drainage of earthworks and rock cuttings. Formation of the permanent way, points and crossings, over and under bridges, culverts, stations. The specification, and estimate, and standing orders of Parliament.

Descriptive Engineering.—The technical arrangement of plans and sections of Engineering Works, manner of finishing and marking

dimensions, illustrated by the description in detail, of some work, *e.g.* a bridge. Foundations, piling, concrete, brick and metal cylinders and cofferdams. Tunnelling. Building construction, the preparation, preservation, and testing of the materials used in Masonry, Carpentry, and Metal trades.

Text Books.—Rankine's Civil Engineering; Mill's Railway Construction; Seddon's Builders' Work; Aitken's Road Construction.

Books of Reference.—Aitken's Road Making; Simms on Tunnelling; Middleton and Chadwick's Surveying; Jackson's Surveying; Johnston's Surveying (American).

To the Senior and Middle Classes.

On one day of each week of Hilary and Trinity Terms.

A consecutive Course of descriptive Lectures on some of the subjects comprised under Hydraulic Engineering. Portions of standard works will be prescribed as reading.

On alternate years the subjects may be—*Water Works and River Engineering*, or *Sanitary Engineering, Drainage, and Harbours.*

Books of Reference.—Humber's Water Works; Farr's Paper on Moving Loads, Proc. Inst. C.E., 1900; Stevenson's Canals and Rivers; Stevenson's Harbours. Also Harcourt's Works. Turner and Brightmore's Treatise on Waterworks. Moore's Sanitary Engineering. Burton on Waterworks.

To the Senior Class.

On four days of each week of each Term.

Engineering Science and some applications, *e.g.*—

Earthworks.—Rankine's method of the ellipse of stress with Alexander's Kinematic Model, showing its application to the design of embankments, foundations, retaining walls, sea walls, sewers, tunnel roofs, inverts and side walls.

Strength, Elasticity, and Resilience of Materials.—Application of Graphic and Analytic Methods, bending-moment and shearing-force diagrams for fixed and moving load systems, illustrated by the Alexander and Thomson Moment Delineator. The distribution of the internal direct and shearing stress for lineal, transverse, and compound states of strain. Lines of stress in beams, illustrated by a polariscope method. Scientific and commercial testing.

Frame Work Structures.—Their stability, strength, stiffness, and durability. Graphic Statics. Details, numerical calculation of the ties, struts, beams, stiffeners, stays, and fasteners. Fidler's systematic application of the Rankine-Gordon formula to the design of long struts. Lévy's analyses of triangular trussing with three variables for the form, number of bays, and ratio of depth to span, Fink, Boilman, and other systems. Plate girders and distribution of rivets.

Block Work Structures.—The rectangular buttress, piers, chimneys. The equilibrium of the masonry arch. Theoretical equilibrium curve for different loads. The design of the Elliptic Arch by Rankine's

approximations from the linear 'Hydrostatic,' 'Geostatic,' and 'Stereostatic' arches. Tables of the properties of the 'Two-nosed Catenary,' and their application to the immediate and direct numerical design of masonry arches in brick, sandstone, or granite, for dead and live loads.

Iron Arched Girders, Suspension Bridge, and Compound Structures.—Rankine's 'Sloping Beam,' its application to the approximate design of arched ribs of uniform stiffness. Simpler parts of Rankine's analysis and Lévy's detailed graphical constructions for completely determining the direct thrusts and bending moments on arched ribs of any section, either hinged at crown or abutments or otherwise fixed and subjected to complete or partial loading. Fidler's treatment of great cantilever bridges.

Text-Books.—Rankine's Civil Engineering; Alexander and Thomson's Elementary Applied Mechanics, and Graphic Statics, and Exercises on Graphic Statics.

One or more copies of the following books lie in the office for daily reference, or duplicates may be borrowed from the Lending Library:—

Molesworth Pocket Book; Rankine's Applied Mechanics; Stoney on Strains, 1886; Fidler's Practical Bridge Construction, 1887; Du Bois, Strains on Framed Structures (American), 1883; Walmisley on Iron Roofs; Unwin's Testing of Materials of Construction, 1888; Lévy's Statique Graphique, 1888. Tables and Numerical Examples from Alexander and Thomson's Paper on 'Two-nosed Catenaries' in the *Transactions* of the R.I.A., 1888. Matheson's Aid Book, 1889. Clark's Steam Engine, 1889. Trans. I. C. E. Longmans' Engineering Series, now being published. Marsh's Reinforced Concrete. Lilly's Design of Plate Girders.

Engineering Scheme.

In Trinity Term the Students of the Senior Class in groups of four or five prepare the office and field work of an Engineering Scheme for a short line of Railway, Tramway, Road, or Canal or other work approved of by the Professor of Engineering. The details of this scheme are carried out during the long vacation by the Students themselves. This scheme forms an integral part of the work for Degrees in Engineering.

VII.—Electrical and Mechanical Engineering.

The Lectures of the Professor of Experimental Physics are on the general theory of Electricity as applied to Electrical Engineering.

The Lectures of the Lecturer in the Practice of Electrical Engineering are on the following subjects:—

Generation of electric currents—Continuous current dynamos and motors—Transmission of power—Alternating current generators for single-phase and for polyphase currents.

Synchronous motors, induction motors.

Alternating current transformers—Motor-generators, rotary converters, boosters.

Storage batteries—Switchboards, regulating apparatus, and safety devices.

Distributing systems for the supply of light and power—Measurement of power—Meters.

Wires, cables, and transmission lines—Insulators and insulating materials.

The wiring of buildings for electric light and power—Testing—The use of ordinary electric measuring instruments, testing of magnetic properties of iron, location of faults in dynamos and cables, measurement of efficiency of dynamos and transformers.

Arc and incandescent lamps.

Telephones and signalling apparatus.

General arrangement of plant for electric lighting, and for power transmission—Operation of railways and tramways by electricity—Production of chemicals by electricity.

The Lectures will be supplemented by Practical work in the Laboratory, and Demonstrations on the above.

A Laboratory and workshop has been constructed, which contains a gas engine of 8 H. P. for driving the dynamos, a storage battery, rotary converter, continuous current dynamo, a potentiometer, oscillograph, and outfit of modern electrical measuring instruments.

A supply of three-phase alternating current is available.

Laboratory of Mechanical Engineering.

The Mechanical Engineering Laboratory is under the superintendence of the Lecturer in Mechanical Engineering. Its equipment includes a 10-ton Wicksteed Testing-machine, a Locomotive Boiler and Compound Condensing Engine of 30 H. P., a 8 H. P. Crossley Gas Engine, and a 4 H. P. Tangye Oil Engine. The Mechanical Workshop is fitted with Lathes, Shaping and Drilling-machines, and other Machine-tools for the preparation of specimens for testing and other mechanical work. A part of the Laboratory is fitted up for the testing of Cements: its equipment includes a tensile Testing-machine and other apparatus used in the preparation of samples for testing.

In the Michaelmas and Hilary Terms second year Students attend a Course of Demonstrations, with practical work in the Laboratory, on the following subjects:—

The construction and working of steam, gas, and oil engines.

Indicated and brake horse-power.

The carrying out of tests, coal and water consumption, and other measurements necessary for determining the efficiency of the steam engine.

In the Hilary and Trinity Terms third year Students attend a Course of Demonstrations, with practical work in the Laboratory, in the following subjects:—

The preparation of specimens for testing.

Tests on materials for tension, shear, torsion, bending, and compression.

Tests on columns, and the method of plotting the experimental results.

Lathe and other machine tools.

The apparatus required for the testing of cements, and the tests used in determining the value of a cement.

MUSEUM OF NATURAL PHILOSOPHY.

Curator—WILLIAM EDWARD THRIFT, M.A., Professor of Experimental Philosophy.

This Museum was founded about the year 1730, when Dr. Richard Helsham was Professor of Natural Philosophy. It contains a collection of various Philosophical Instruments, chiefly in connexion with the sciences of Optics and Practical Mechanics, Theory of Heat, Electricity, and Magnetism. Steps have lately been taken by the Board of Trinity College to place this Museum in a condition more suited to the purposes of modern scientific research, as well as more adapted to illustrate the Lectures given in Natural and Experimental Philosophy. The Instruments are now kept in the new Physical Laboratory, the gift of Viscount Iveagh to the College, along with the instruments purchased out of the funds supplied by him for its equipment.

MUSEUM OF GEOLOGY AND MINERALOGY.

Curator—JOHN JOLY, Sc.D., F.R.S., Professor of Geology and Mineralogy.

This Museum is intended principally for the use of Students in Engineering. It contains typical collections of Minerals and Fossils, arranged for the use of Students, and also some rare specimens of Fossil Reptiles and Deer.

MUSEUM OF ENGINEERING MODELS.

Curator—THOMAS ALEXANDER, M.A.I., Professor of Engineering.

This Museum was founded in 1846. It contains a variety of Engineering Models, amongst which will be found a series of models illustrating the progress of invention in the Steam Engine; a model of a Locomotive Engine (scale one-fourth); a model of a Cornish Pumping Engine (scale one-twelfth); a large collection of timber bridges; a model of the lifting apparatus of the Conway Tube; a model of the Boyne Viaduct, and other lattice structures. It contains likewise a complete collection of the weights and measures of the Metric System.

St. John's Ambulance Certificate for proficiency in First Aids to the Injured.

Engineering Students may, optionally, take out a short course of lectures in the elementary principles of Physiology and Anatomy, followed by demonstrations in First Aids to the Injured. The Instruction, which will begin in Michaelmas Term, will be such as to qualify the Student to present himself at the examination for the St. John's Ambulance Certificate. The examination may be arranged for any convenient date, and for any number of candidates up to thirty. The cost of the examination, which is £4, is jointly borne by the candidates. There are no fees required for the lectures and demonstrations.

Particulars as regards the hours and dates upon which the lectures and demonstrations are given will be posted in the Hall of the Engineering School.

Lending Library.

In the Trinity College Lending Library there are copies of new and important books on Engineering.

It is open for the lending and return of books on three days of each week during Term, from 1.30 to 2.30 o'clock. A Catalogue can be obtained for one shilling on application to the Clerk in charge. The Lending Library is situated in the Engineering School Building.

Further Information.

Communications from persons desirous of further information should be addressed to the Registrar, Engineering School, Trinity College, Dublin.

Dublin University Engineering Students' Society.

The object of this Society is to afford an opportunity for the discussion of subjects of interest to Engineers.

Meetings are held fortnightly in the Engineering School.

The Professor of Engineering is President of the Society.

The Hon. Secretary will be happy to supply any further information regarding the Society.

Days of Examination.

Michaelmas Term, 1921.

Examination for Degree of B.A.I.,	Begins Monday, Oct. 10.
Supplemental Examinations of Middle and Junior Classes,	Begin Monday, Oct. 10.
Supplemental Entrance,	Wednesday, October 12.

Trinity Term, 1922.

Examination for Degree of B.A.I.,	Begins Tuesday, April 25, and Tuesday, June 13 (in part).
Examinations of Middle and Junior Classes,	Begin Tuesday, April 25, and Monday, June 26.
Entrance Examination,	Wednesday, June 28.

Michaelmas Term, 1922.

Examination for Degree of B.A.I.,	Begins Tuesday, Oct. 10.
Supplemental Examinations of Middle and Junior Classes,	Begin Tuesday, Oct. 10.
Supplemental Entrance Examination,	Thursday, October 12.

Indian and Home Civil Service School.

University Lectures in Oriental Languages for Selected Candidates for the Civil Service of India.

On the 13th October, 1877, a communication was received by the Provost and Senior Fellows from the Secretary of State for India, stating that Trinity College had been placed on the list of the Institutions in which Selected Candidates for the Civil Service of India will be permitted to reside during their period of "Probation."

Arrangements have been made enabling selected Candidates for the Civil Service of India to complete their studies in Oriental Languages with the aid of Special Lectures given by Professors of the University.

Candidates will be required to elect at the beginning of the Term the Languages in which they wish to be prepared.

Three Lectures in each Language will be given weekly during each of the three Terms of the year, except in Sanskrit and Arabic, in each of which five Lectures weekly will be provided.

Sophisters having credit for full attendance on two of these special courses of Lectures can claim professional privileges; see under "Professional Privileges."

Students who desire to reside in Trinity College, Dublin, during their period of probation, after passing the Open Competition for the Indian Civil Service, will be allowed to put their names on the College Books without Entrance Fee; the College and University Fees during their residence will therefore be £10 10*s.* half-yearly. Candidates will further have to pay a fee of £2 2*s.* per Term for the Lectures in the History of India. They will be allowed Residence and Commons on the same terms as other Students, and will not be required to pass Terms in Arts while pursuing their special studies.

The total cost of a year's residence should not exceed £150.

The Lecturers appointed by the Board of Trinity College are as follows:—

Sanskrit,	Prof. Canning.
Arabic, Persian, and Hindustani,	Prof. L. White King, LL.D.
Tamil, Telugu, Burmese, Hindi, Bengali, and Marāṭhī,	Prof. John van Someren Pope, M.A.
History of India,	Prof. L. White King, LL.D.
Indian Law,	Mr. T. C. K. Moore, B.A.

The Board offer annual Prizes of £10 in Sanskrit, £10 in Arabic, £5 in Hindustani, and £5 in Persian.

It may be added that the Law Courts, Police Courts, &c., in Dublin, afford ample opportunities for Candidates to observe the practice of the Law in its various branches.

Candidates intending to reside in Trinity College are requested to communicate with E. H. Alton, M.A., F.T.C.D., 40, Trinity College, Dublin, who will give any further information which may be required.

Classes for the Indian, Colonial, and Home Civil Service (Class I.).

1. These Classes are open to all Candidates for the Examination for the Indian, Colonial, and Home Civil Service (Class I.), whether those Candidates belong to Trinity College or not.

2 The Course of Study will be divided, during the current Academic year, 1921–1922, into two Sessions (a Winter Session from October 24th to March 18th, and a Summer Session, from April 18th to June 24th); in each of which Sessions not less than two hours of teaching per week will be given in each Class except during the Christmas Vacation (December 21st to January 14th). This teaching will comprise not only specific instructions directed entirely to the requirements of the Examination, but also guidance to the several Candidates as to the course of private reading which will best suit the needs of each.

3. It is proposed to offer during the Academic year 1921-1922 instruction in most subjects for the Open Examination.

For further particulars regarding Lectures apply to E. H. Alton, M.A., F.T.C.D., 40, Trinity College.

4. At the end of the Winter Session a General Examination will be held in all the subjects in which instruction has been given; and Prizes will be awarded by the Board, varying from £1 1*s.* to £4 4*s.*, to every Candidate who is considered to have shown merit of a high order.

5. A Student who belongs to Trinity College shall pay *either* (1) Five Guineas Entrance Fee to the Classes and a Special Fee of 2½ guineas for each Class which he attends during the Winter Session, and 1½ guinea for each Class he attends during the Summer Session; *or* (2) he may pay no Entrance Fee, but in that case he shall pay a Special Fee of 3½ guineas for each Class which he attends during the Winter Session, and 2½ guineas for each Class which he attends during the Summer Session.

A Student who does not belong to Trinity College shall pay *either* (1) Five Guineas Entrance Fee to the Classes, and a Special Fee of 3½ and 2½ guineas for each Class which he attends in the Winter and Summer Sessions respectively; *or* (2) he may pay no Entrance Fee, but in that case he shall pay a Special Fee of 4½ guineas and 3½ guineas for each Class which he attends in the Winter and Summer Sessions respectively.

Students who have once paid the Entrance Fee will not be required to pay it again for any subsequent year in which the Classes are continued.

All Fees must be paid to the Junior Bursar previous to attendance at any Class.

Students wishing to join these Classes are requested to communicate with the Registrar of the Indian and Home Civil Service School, E. H. Alton, M.A., F.T.C.D., 40, Trinity College, Dublin, who will supply any further information which may be required.

Army School.

Commissions granted.—Commissions in the following branches of the British Service:—Royal Air Force, Cavalry, Royal Artillery, Royal Engineers, Infantry, and Royal Army Service Corps, and in the Indian Army, will be granted to duly qualified candidates nominated each half-year by certain universities, including the University of Dublin.

Antedate of Commissions.—The commissions of accepted candidates will be antedated approximately one year, i.e. to such dates as will give those appointed to the Royal Artillery seniority over the Royal Military Academy cadets, and those appointed to other branches of the service seniority over the Royal Military College cadets who passed out of those institutions in July or December (as the case may be) of the previous year.

In exceptional circumstances a candidate who has graduated with first-class honors may be granted such additional antedate, not exceeding six months, as may be recommended by the nomination board and approved by the Army Council. A candidate granted a full additional antedate of six months will receive such total antedate as will give him seniority over the Royal Military Academy or Royal Military College cadets who passed out in December of the previous year but one, or in July of the previous year (as the case may be).

These antedates will not count for the issue of pay or allowances; but in all cases in which increase of pay is dependent on the completion of a fixed period of service, service towards increase of pay will be considered as commencing from the date to which the commission has been antedated. The additional antedate for first or second class honours will count for retired pay,[a] but the ordinary antedate of about one year will not so count.

No candidate will, however, be given an antedate which will make him senior to a university candidate nominated on a previous occasion.

Qualification of Candidates.—To be eligible for nomination a candidate must possess the following qualifications:—

General qualifications.—He must:—

(*a*) Have attained the age of 21 and not have attained the age of 25[b] on the 15th January for a winter nomination, or the 15th July for a summer nomination.

[a] No portion of the antedate will count for Indian pension.

[b] A candidate for appointment to the Indian Army must be within the ages of 21 and 24 on the dates named. Candidates for commissions in the Royal Air Force must be under the age of 23 on the dates named.

(*b*) Be unmarried.
(*c*) Be, in the opinion of the Army Council, in all respects suitable to hold a commission in the regular army.
(*d*) Produce a certificate of good conduct from the head or other competent authority of the university, or a college of the same, in which he has resided.

Academic qualifications.—A candidate must:—

(*a*) Reside for three academic years at an approved university or at a college of the same.[a]
(*b*) Take a degree in an approved subject or group of subjects.
(*c*) For a commission in the Royal Artillery, produce evidence satisfactory to the nomination board that he has duly qualified in the mathematical and science subjects prescribed.
(*d*) For a commission in the Royal Engineers be in possession of an Engineering Degree.

Approved subjects for degree.—Candidates may graduate in any of the subjects, or groups of subjects, current at the several universities, with the exception of Theology, Medicine, and Music.

Military qualifications.—A candidate must obtain the following military qualifications during his residence at his university:—

(1) He must undergo the military instruction[b] which will form a part of the curriculum of his studies, and he must be in possession of certificate "B."
(2) He must be an efficient member of the university contingent of the Officers' Training Corps each year from the date of his registration as a candidate for a commission in the regular army.
(3) He must be attached[c] to a regular unit, and obtain a satisfactory certificate as to his proficiency.

NOTE.—The meaning of the phrase in (1), "the military instruction which will form a part of the curriculum of his studies," is as follows:—All candidates for commissions, save for commissions in the Royal Air Force, must during the last two years of their College Course attend the lectures delivered each term by Captain Ramsden and another lecturer. Captain Ramsden will lecture on Science in War, and the other lecturer on Empire Study and the Study of War. Each lecturer will give not less than 20 or more than 30 lectures each term, and candidates must obtain from these lecturers a certificate that they have attended satisfactorily and passed such examination tests

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[a] Unless the university recognizes War Service in lieu of residence or study.
[b] The course of Military Instruction will be that prescribed for certificate "B" examination (O. T. C. Regulations).
[c] Before commencing this attachment, a candidate will be required to have been instructed in squad drill (as laid down in Infantry Training).

as have been imposed. Such certificate will entitle candidates to the same Professional Privileges as are now granted to Law Students. The fee for attendance on these lectures is £25 each year, to be paid to the Junior Bursar.

Candidates will also be required to take Political and Economic Science as one optional subject for Degree. The provisions of this note, as already stated, do not apply to candidates for commissions in the Royal Air Force.

Candidates who have served as officers, warrant officers, non-commissioned officers or men for a period of not less than four months in the Royal Navy, Royal Marines, Regular Army, Special Reserve, Indian Army Reserve of Officers, Militia, Territorial Army, Forces of the Overseas Dominions or Royal Air Force will be excused the attachment referred to above.

For further information apply to the Registrar of the Army School, 34 Trinity College, Dublin, or to the Adjutant, Headquarters, D.U.O.T.C.

Dublin University Contingent,

OFFICERS' TRAINING CORPS.

COMMITTEE OF MILITARY EDUCATION.

President.

THE PROVOST OF TRINITY COLLEGE, The Right Hon. and Most Rev. J. H. Bernard, D.D., Provost's House, Dublin.

Ordinary Members.

J. Fraser, M.A., F.T.C.D.
G. R. Webb, M.A., F.T.C.D.
Capt. A. A. Luce, D.D., F.T.C.D.
Capt. F. La T. Godfrey, M.A., F.T.C.D.
Right Hon. the Lord Chancellor of Ireland.

Appointed as Officers of the Contingent.

The Officer Commanding.—Major G. A. Harris, D.S.O., O.B.E., 31 Sidney Parade.
Capt. E. H. Alton, F.T.C.D., 5 Dartmouth Road.
Capt. W. C. Ramsden, Trinity College, Dublin.
Capt. A. W. W. Baker, M.D., 59 Merrion Square.

The Adjutant.—Capt. M. Stacey, R.M.F., 8 St. Clare's Terrace, Harold's Cross.

Hon. Secretary—The Officer Commanding.

Headquarters.—The Headquarters of the Contingent are at the Officers' Training Corps Buildings, Lincoln Place, Trinity College, Dublin.

All information with reference to the Corps can be obtained there, between the hours of 10 a.m. and 1 p.m.; 2 p.m. and 5 p.m.

Enrolment.—Intending Members should attend at Headquarters to obtain the enrolment and proposal forms, &c.

Only British subjects of pure European descent, who are physically fit, are eligible to join.

Conditions of Service.—No oath of allegiance is taken, and no liability for Service is incurred. Each member contracts:—

(*a*) To abide by the rules of the Corps.

(*b*) To serve for three years (If in possession of Certificate A, a member may leave at the end of two years without further obligation; also former Cadets who have served as Officers in the Army may join the Corps for a period of one or more years provided they join as Cadets. They will in all cases be given the rank they held on leaving the Corps).

(*c*) To make himself efficient during each year of Service.

Efficiency.—To be efficient, a Cadet must in each year—

(1) Attend not less than 15 Instructional Parades (30 if a Recruit).

(2) Attend Camp for 10 days, and be present at the Annual Inspection, except in case of sickness, duly certified, or leave officially granted.

(3) Undergo the prescribed training in Musketry (Medical Unit exempt).

Drills.—All Instructional Parades are arranged with a view to their causing as little interference as possible with College lectures or athletic engagements, pastimes, etc.

These parades consist of not less than 45 minutes' actual training. Not more than two parades may be counted in any one day.

The times for parades are published in weekly orders, which are posted on the Contingent and Company notice-boards.

Special Field Days.—Field days will be arranged, if possible, once or twice a month. Each field day counts two parades.

Uniform.—Each Cadet is provided with all necessary arms, uniform, and equipment.

Camp.—All expenses, messing, transport, &c., are met by grants paid by the War Office.

Object.—The primary object of the Officers' Training Corps is to provide students at schools and universities with a standardized measure of elementary military training, with a view to their eventually applying for commissions in the Regular Army or Special reserve of Officers, or the Territorial Force.

For fuller information, see "Handbook of the Dublin University Contingent, Officers' Training Corps."

School of Agriculture.

ENTRANCE to the School of Agriculture is open without Examination to students whose names are on the College Books. For others, Entrance is by Examination in general education; to be held in October.[a] The Course for this examination will be English Composition, English History, Geography, Arithmetic, Elementary Algebra and Geometry, and *one* of the following:—Greek, Latin, French, German. The examination may be remitted in the case of students having credit for an equivalent educational test at any well-recognized institution. Entrance fee for external students, one guinea.

EDGE EXHIBITIONS.

Edge Exhibitions, one of the value of £4, and another of the value of £2, are awarded by the Board at the end of the studies of the first year on a report from the Registrar of the School of Agriculture.

At the Final Examination, Edge Exhibitions, one of the value of £10, and another of the value of £4, are awarded on the general results of that examination.

The Exhibitions are limited to students on the College Books, or Graduates of Trinity College, Dublin.

(*The Board and Council have approved of the following scheme of co-operation with the Department of Agriculture and with the Royal College of Science for Ireland*):—

FIRST TWO YEARS (taken at Trinity College).

First Year.	*Second Year.*
Mathematics.	Analytical Chemistry and Practical Organic Chemistry.
Physics (general).	Mechanics and Mathematics.
Practical Meteorology.	Zoology.
Chemistry (general principles).	Botany.
Drawing.	Geology.
Arts.	Arts.

SECOND TWO YEARS (taken at the Royal College of Science).

Third Year.	*Fourth Year.*
Agriculture.	Agriculture.
Agricultural Chemistry.	Agricultural Zoology.
Agricultural Geology.	Agricultural Botany.
Agricultural Engineering.	Agricultural Bacteriology.
Arts (at Trinity College), with professional privileges.	Veterinary Hygiene.
	Arts (at Trinity College), with professional privileges.

[a] Candidates must send notice (addressed to the Registrar of School of Agriculture, Trinity College, Dublin) of their intention to enter, before the 1st October.

According to this scheme (which is on the lines of that framed by the Department) the student spends his first two years in the School in studying the general principles of the sciences which later find practical application in the scientific study of agriculture. He keeps the usual Freshman terms in Arts, and, if desirous of proceeding to the Degree in Agriculture, he also keeps the Sophister terms in Arts. During the Sophister years he receives "professional privileges" in Arts.

At the conclusion of the first two years the student is examined in the Science Courses pursued by him. This examination is conducted in Trinity College and by the Examiners of the University.

During the second two years the student studies Agriculture and Agricultural Science in the Royal College of Science and at the Farm at Glasnevin. During one of these years the student carries out research in Agricultural Science under the direction of one of the Professors or Lecturers of the Royal College of Science. Students who aim at obtaining a Diploma in the University of Dublin, and do not seek the Degree (Agr. B.) need attend no Arts lectures in Trinity College after passing the Final Freshman Examination. They would, after their first two years, take a less specialized course than that required for the Associateship of the Royal College of Science.

The final examination in Agriculture and Agricultural Science is conducted in the Royal College of Science, and mainly by the Professors of that College; but the University of Dublin is represented at that examination by an examiner appointed by Trinity College, and extern to the Royal College of Science.

The following particulars apply to the Courses pursued during the first two years in Trinity College. For the Courses pursued during the second two years the student must make application to the Royal College of Science for Ireland.

First Year.

Mathematics, including Mensuration—

Three lectures per week during Michaelmas Term.

Fee for course for External Students,[a] three guineas; for Arts Students, two guineas.

Physics (general)—

Simple Measurements, Elementary Hydrostatics, Pneumatics, Heat, etc., delivered by the Professor during Michaelmas and Hilary Terms.

Fee for External Students, two guineas; free to Arts Students.

Practical Meteorology.—During Trinity Term.

External Students pay two guineas; Arts Students, one guinea.

[a] External Students are Students, other than Graduates, whose names are not on the College Books.

Chemistry—

(*a*) The course of lectures on General Chemistry, three times per week during Michaelmas and Hilary Terms.

(*b*) Practical Chemistry, three afternoons in the week during Michaelmas and Hilary Lecture Terms, and as far as practicable, during the interval between these terms, on three days in the week.

(*c*) Practical Chemistry during Trinity Term according to time available.

Fee for course—External Students, six guineas; Arts Students, five guineas.

Drawing (Geometrical).—During Trinity Term.

Fee for External Students, three guineas; for Arts Students, two guineas.

[Total fees—External Students, sixteen guineas; Arts Students, ten guineas.]

Second Year.

Chemistry—

(*a*) Twelve or more lectures and demonstrations on Analytical Chemistry. (*b*) Practical work in the laboratory (quantitative analysis) three days a week during two terms, and, if practicable, during the third term.

Fee for course—External Students, six guineas; Arts Students, five guineas.

Mechanics and Applied Mathematics—

Three lectures per week in Michaelmas Term.

Fee for External Students, three guineas; Arts Students, two guineas.

Zoology—

Three terms as given to Junior Sophisters.

Fee for course—External Students, four guineas; Arts Students, three guineas.

Botany—

The lectures and demonstrations of the Professor, extending over ten weeks during Trinity Term.

Fee for External Students, three guineas; for Arts Students, two guineas.

Geology—

The Professor's lectures and demonstrations over Michaelmas and Hilary Terms.

Fee for External Students, three guineas; for Arts Students, two guineas.

[Total fees—Externals, nineteen guineas; Arts, fourteen guineas.]

The fee for the Degree in Agriculture (Agr. B.) is £5.

School of Forestry.

THE Courses in Forestry of the Royal College of Science are open to Students of Trinity College in the School of Agriculture, replacing the agricultural work of the second two years of the School of Agriculture.

The Courses in Forestry would be taken at the Royal College of Science, and would be as follows:—

3RD YEAR.

(*a*) *October to June*—3 *Terms*.

Forestry.
Forest Engineering and Surveying.
Forest Zoology.
Forest Botany, including Structure of Timber and Diseases of Trees.
Soil Geology.
Elementary Agriculture.
Arts (at Trinity College), with professional privileges.

(*b*) *July to September*.

Outdoor work for three months at Avondale, or in an approved Irish or British Forest.

4TH YEAR.

(*a*) *October to March*—2 *Terms*.

Forestry.
Forest Botany, including Structure of Timber and Diseases of Trees.
Forest Zoology.
Forest Chemistry.
Practical Work on Excursions.
Arts (at Trinity College), with professional privileges.

(*b*) *Third Term—April to June*.

Outdoor work for three months in an approved Continental Forest.

These Courses, along with the first two years' curriculum of the School of Agriculture, as at present arranged, would entitle the Student to the Diploma in Agriculture (Forestry) of the University; or, provided the B.A. has been obtained, to the Degree in Agriculture (Forestry), Agr. (Forest.) B. The fee for the Degree is £5.

Examinations for Qualifications in Education.

The Examinations for Qualifications in Education are held twice a year. The candidates are first examined in Theory and History; and if their answering be satisfactory, they are called on to teach before the Examiners.

Three Qualifications are granted—viz. the Certificate in Elementary Education, the Diploma in Education, and the Diploma with Distinction.

Candidates must produce satisfactory evidence (*a*) that they are of good character; (*b*) that they have had sufficient experience of teaching (which must extend over a year at least), or have undergone a year's training at a recognized Training College; and (*c*) that their scholastic attainments are adequate.

The usual requirement for admission to the Examination for the Diploma in Education is that the candidate shall have graduated in some University under the British Crown. For the Certificate in Elementary Education, the candidates must have passed the "Final Examination of King's Scholars," or must have been ranked as First or Second Class Teachers under the rules of the Board of National Education in Ireland in force before the year 1900.

For the year 1922 all candidates for Qualifications in Education are expected to study—

Dumville, *The Fundamentals of Psychology* (University Tutorial Series, W. B. Clive).

Welton, *Logical Bases of Education* (Macmillan).

Bagley, *The Educative Process* (Macmillan).

Culverwell, *Montessori Principles and Practice.*

Monroe, Text Book in the *History of Education*, chap. vi. to end (Macmillan).

They are also required to show a general knowledge of the Hygienic Principles bearing on Schools and School-work.

Candidates for the Certificate in Elementary Education are expected to study, in addition to the above, Salmon's Art of Teaching, or Landon's Principles and Practice of Teaching and Class Management.

Candidates for the Diploma in Education are expected to study a more extensive Course, to be arranged or approved by the Examiners, including other works set for the Arts Course in Education.

The Diploma with Distinction is granted on the result of a second and stricter examination. Those only will be admitted who have attained a high standard at a previous Diploma Examination.

Essays by candidates may be required in addition to Examination in the Hall.

Candidates must also select, from the following list, certain subjects in which they are prepared to give lessons before the Examiners. In the case of candidates for the Certificate not less than five subjects should be named; other candidates may, if the Examiners approve, select fewer subjects. The list of subjects selected must be sent to the Registrar of the School of Education, so that it shall be received a fortnight before the stated date of the Examination in Theory and History.

1. Arithmetic. 2. Algebra. 3. Euclid. 4. Elementary Science. 5. English Literature. 6. History. 7. English Grammar and Composition. 8. Physical and Descriptive Geography. 9. Kindergarten. 10. Object Lesson. 11. French. 12. German. 13. Latin. 14. Greek.

If candidates show sufficient merit at the Examination in Theory and History, the Examiners will direct them to prepare and send for their inspection copies of their notes of certain lessons in the subjects they have selected. A suitable class will be provided on the day arranged for the Examination (which will be chosen, as far as possible, to meet the convenience of the candidates); and in addition to one or more of the prepared lessons, the Examiners may call upon the candidates to give a short unprepared lesson in any one of the subjects they have selected.

The fee payable for the Diploma Examination is £2 2*s*. for Graduates of the University of Dublin, and £4 4*s*. for other candidates, except those seeking only the Certificate in Elementary Education, who pay £3 3*s*.; it may be paid in equal moieties if the Examinations in Theory and in Practice are taken at different dates; and a candidate who fails to reach the desired standard may, with the permission of the Examiners, be allowed to present himself a second time for either examination on payment of £1 1*s*. The fee for the additional Examination for the Diploma with Distinction is £1 1*s*., for graduates of the University of Dublin, and £2 2*s*. for other candidates.

In 1922, the Examination in Theory and History will be held on Friday and Saturday, April 21, 22; and on Friday and Saturday, October 27, 28.

The dates on which the candidates are required to teach before the Examiners will be arranged as far as possible to suit the convenience of the candidates who have entered their names.

Candidates must send their fees to the Registrar of the School of Education a fortnight before the date of the Examination.

Further information will be supplied on receipt of a stamped and directed envelope.

School of Commerce.

Arrangements are being made for a School of Commerce.

Diploma in Economics and Commercial Knowledge.

1. This Diploma will be granted for proficiency in the various branches of a higher business education, as tested by an Examination.

2. The Examination will be open to anyone who can produce evidence (*a*) that he is of good character; (*b*) that he has a satisfactory Preliminary Education: *e. g.*, that he has matriculated in any University or University College; has passed the Middle or Senior Grade Intermediate Examination; has the certificate of any recognized Technical School or School of Commerce; or possesses any other qualification deemed sufficient by the Board.

3. The Examination will be held annually on days named in the University Almanac. In 1922 it will be held on April 18 and following days. It shall be in the power of the Examiners, if it is thought advisable, to hold parts of the Examination at night, a week's notice at least being given to the candidates.

4. Candidates will be required to give at least *one* month's notice of their intention to compete for any portion of the obligatory subjects of the Examination: and at least *three* months' notice of the special optional course or courses which they intend to offer.

5. The Course for the Examination will be as follows:—

Obligatory Subjects.

I.—*Economics, Descriptive and Theoretical.*

Candidates will be required to have a general knowledge of the scope and method of economics, and the principles of production, exchange, and distribution. Also an acquaintance with the chief forms of industrial organization, especially those existing in the United Kingdom.

[Nicholson, Elements of Political Economy, *or* Devas, Political Economy, may be used as a convenient text-book. Marshall, Elements of Economics; Hadley, Economics; and Pierson, Principles of Economics, Vol. I., will be found useful for additional reading.]

II.—*Economic and Commercial History.*

The outlines of the industrial and commercial development of Great Britain, Ireland, and the Colonies during the eighteenth and nineteenth centuries. Particular attention should be paid to the growth of the great industries and the progress of trade.

[T. Warner, Landmarks of English Industrial History, may be used as an introduction. For Irish History, Murray, Commercial Relations between England and Ireland. For reference, Meredith, Economic History of England, and Cunningham, Growth of English Industry and Commerce, Vol. II.]

III.—*Commercial Geography.*

(*a*) General physiographical conditions.
(*b*) The chief economic products.
(*c*) The economic conditions and resources of the chief countries the world.
(*d*) Trade routes.

[Chisholm, Smaller Commercial Geography, *or* Adams, Commercial Geography. For additional reading Chisholm, Handbook of Commercial Geography, is recommended.]

IV.—*Accountancy and Business Methods.*

(*a*) The principal forms of accounts. The preparation of a Balance sheet. Cost-taking. Depreciation and the formation of reserves.

(*b*) Organization of business departments. Office work.

[Cropper, Book-keeping and Accounts.
Lisle, Accounting in Theory and Practice.
Dicksee, Office Organization.]

V.—*Commercial and Industrial Law.*

(*a*) The law of contract. The principal trade contracts. Company law. Negotiable instruments.

(*b*) The factory code. Workmen's compensation. Employers' liability.

[Steven, Mercantile Law.
Redgrave, The Factory Acts.
For further reading, Topham, Company Law, and Anson, 'Contracts' are recommended.]

Optional Subjects.

[Of which one under each head may be taken.]

VI.—*A Modern Language.*

(1) French.
(2) German.
(3 Spanish.

Candidates will be tested in translation from and into English, dictation, and conversation.

VII.—*Special Economic Subjects.*

Candidates who take one of the Optional Economic subjects will be expected to possess a fuller knowledge of the theory and of the facts relating to the subject that they select. Particular attention should be given to the modern developments in theory and to the existing conditions.

(1)—*Money and Monetary Systems.*

Definition and historical development of money. The conditions that determine the value of money. The different monetary systems. The history of the English currency. Monetary changes in the nineteenth century. Controversies respecting the standard of value. The actual monetary systems of the world.

[Jevons, Money, and Nicholson, Money and Monetary Problems, are recommended.
F. A. Walker, Money, Withers, The Meaning of Money, and Conant, The Principles of Money and Banking, may be used for further reading.]

(2)—*Foreign Trade.*

The nature of foreign trade and the conditions on which its development depends. Values in foreign trade. The use of money in foreign trade. The foreign exchanges. Imports and exports. The regulation of foreign trade and its effects. Customs duties.

[Fisk, International Commercial Policies.
Giffen, The Use of Import and Export Statistics.
Clare, The A B C of the Foreign Exchanges.]

(3)—*Taxation.*

The development of taxation. The different kinds of taxes. The principal rules of taxation. Direct and indirect taxation. General and local taxation. The incidence and effects of taxation.

[Plehn, Public Finance, Part II., *or* G. Armitage Smith, Taxation, is recommended as an introductory book.
Blunden, Local Taxation, and J. S. Mill, Principles of Political Economy, Book V., chaps. 2–6, may be used for further reading.]

(4)—*Associations and Combinations in Trade and Industry.*

(*a*) The growth of association in the modern economic system. Trusts and Kartells. Combination and monopoly. The control of combinations by the State.

(*b*) The rise and growth of Trade Unionism. Effects of workmen's combinations. Modern Trade Union problems.

[Jenks, The Trust Problem, and Howell, Trades Unionism Old and New, are recommended.
J. B. Clark, The Control of Trusts.
M'Crosty, The Trust Movement in British Industry.
S. and B. Webb, The History of Trade Unionism, may be used for additional reading.]

(5)—*Statistics and Statistical Methods.*

Nature and scope of statistics. Use of averages. Tabulation. Sampling. Elementary graphic methods. The use of index-numbers. Tests of accuracy. The statistics of population, trade, prices, wages, and employment.

[Bowley, An Elementary Manual of Statistics, is recommended as a convenient introductory book. For further reading, Mayo-Smith, Statistics and Economics, may be used.]

VIII.—*Special Subjects in Economic and Business Organization.*

Candidates who take one of the Optional Business subjects will be expected to have an adequate knowledge of the development of the class of business and of its organization. The methods pursued, and the economic principles underlying them, should also be studied.

(1)—*Banking and Credit Institutions.*

The functions of banks. Credit as an economic agent. The growth of banking in Great Britain and Ireland. Banking legislation. The Bank Charter Act, 1844. Modern banking problems. Banking in other countries.

[Dunbar, Theory and History of Banking, is recommended as an introductory text-book.
Clare, Money Market Primer.
Bagehot, Lombard Street;
and
Rae, The Country Banker, will supply a general account of British banking.
For the law of bills, cheques, and promissory notes, Chalmers, Bills of Exchange Act, 1882, should be read.
For reference, Hart, Treatise on the Law of Banking; or Chalmers, Digest of the Law of Bills of Exchange, &c.]

(2)—*Railways and Transport Agencies.*

The rise of the modern transport system. The railways of Great Britain and Ireland. Principles of railway rates. Legislation respecting railways. Competition and combination in transport. The general features of foreign railway systems.

[Acworth, Railway Economics, and Hadley, Railroad Transportation, are recommended.
Findlay, Working and Management of an English Railway, Grierson, Railway Rates, may be consulted.]

(3)—*Insurance.*

The general character of insurance. The different kinds of insurance. The theory of insuring risks. Growth of insurance business. Insurance Law.

[T. E. Young, Insurance.
F. Harcourt Kitchin, The Principles and Finance of Fire Insurance.
W. Schooling, Life Insurance Explained.
W. Gow, Marine Insurance.
C. F. Morrell, Insurance: a Manual of Practical Law.]

(4)—*Agriculture.*

The different systems of farming. Small and large farms. Land-rent and its variations.

Combination in agriculture. Farmers' associations. Agricultural credit. Insurance. The effect of markets on agriculture. Transport charges. Fluctuations in prices. Model farms. The State and agriculture. Effects of taxation.

[Taylor, Agricultural Economics; Rogers, The Business Side of Agriculture; Pratt, Organization of Agriculture, and The Report of the Recess Committee, are recommended.]

6. Candidates, in order to obtain any credit for the Examination, must pass in *three* subjects, of which Economics, theoretical and descriptive, must be one.

Candidates who satisfy this condition may pass in the remaining subjects at a subsequent Examination.

The Diploma will not be issued until the candidate has passed in all the obligatory subjects.

7. The Diploma will be given for proficiency in the Obligatory portion of the Examination. The Optional Courses, in which the candidate passes, will be further specified on the Diploma. Exceptional excellence in any subject will also be indicated.

8. Members of Trinity College will be allowed to present themselves for the Examination each year on payment of a fee of One Guinea. Candidates who are not members of Trinity College shall pay a fee of Two Guineas each year. The fees should be paid to the Junior Bursar not later than three days before the commencement of the Examination.

9. The obtaining of this Diploma will be accepted as equivalent for the exercises required for keeping the Hilary and Trinity Terms of the Senior Sophister year, but not for the B.A. Degree Examination.

10. Candidates who propose to present themselves for the Examination for this Diploma should communicate with Professor C. F. Bastable, Trinity College, Dublin, who will give any further information which may be required.

Diploma for Women in Religious Knowledge.

1. The Examination shall be under the direction of the Regius Professor of Divinity, and shall be open to all women, whether members of the University or not.

2. It shall consist of three divisions, one or more of which may be taken at any time, and in any order.

3. It shall begin usually on the Wednesday next after October 9th, January 9th, and April 14th; and candidates shall send their names to the Lady Registrar, 5, Trinity College, not less than one month before the date of the Examination, stating for which division or divisions they intend to offer themselves. In the years 1921, 1922 the Examination will begin on October 12, 1921, and January 11, April 19, October 11, 1922.

4. If a candidate fails in *one* paper, she may add that paper to the next division for which she enters; but if she fails in any paper in the last of her three divisions, she must take the whole of that division again.

5. The fee payable for each division shall be £1 1*s.* for women who have matriculated in the University, and £2 2*s.* for those who have not. This must be paid to the Junior Bursar at the same time that application is made for admission to the Examination.

6. Successful candidates will receive a Diploma in the following form:—

> Omnes quibus haec charta perveniat certiores facimus A. B. in sacris litteris sedulo operam navasse tribus examinationibus rite peractis.
>
> ———————— Praepositus.
>
> ———————— Sacrae Theol. Regius Professor.

7. The subjects for examination shall be as follows:—

Division I.

Paper 1. The history and religious thought of Israel to the accession of Uzziah.

2. The four Gospels in English.

3. The history and the contents of the Apostles' and the Nicene Creeds.

Division II.

4. The history and religious thought of Israel from the accession of Uzziah to the close of the Old Testament.

5. The Acts and Epistles in English, including the occasion and destination of the several Epistles.

6. (*a*) The history of the Celtic Church and of the Anglo-Norman Church in Ireland. (*b*) The history of the Church in England from the accession of Edward III to the accession of Queen Anne.

Division III.

7. The history and contents of the Book of Common Prayer, with special reference to Baptism and the Holy Communion.

8. The history of the Christian Church (excluding the New Testament) to the Council of Chalcedon.

9. *One* of the following:—

The Book of Genesis in Hebrew.
The Epistle to the Romans in Greek.
The comparative study of religions.

*** All questions in Divisions I and II on the text of the Old and New Testaments will have reference to the Revised Version.

Candidates will not be examined in particular books, but the following, among others, will be found useful for study:—

PAPERS 1 AND 4. Wade, *Old Testament History*, London, 1901; Foakes Jackson, *The Biblical History of the Hebrews*, Cambridge, 1909; Chapman, *An Introduction to the Pentateuch*, Cambridge, 1911; W. R. Smith, *The Prophets of Israel*, London, 1895; *The Old Testament in the Jewish Church*, London, 1892; G. A. Smith, *The Book of Isaiah*, London, 1889; *The Book of the Twelve Prophets*, London, 1896; Kautzsch, Article *Religion of Israel*, in Hastings' *Dictionary of the Bible*, extra vol.

2. Sanday, article *Jesus Christ*, in Hastings' *D. B.*, vol. ii, afterwards published as *Outlines of the Life of Christ*, Edinburgh, 1906; *Studies in the Synoptic Problem*, ed. Sanday, Oxford, 1911; J. A. Robinson, *The Study of the Gospels*, London, 1902; J. M. Thompson, *The Synoptic Gospels arranged in Parallel Columns*, Oxford, 1910.

3. Swete, *The Apostles' Creed*; Burn, *The Apostles' Creed*, London, 1906; *The Nicene Creed*, London, 1909; Bp. Gibson, *The Thirty-nine Articles*, London, 1898, Exposition of Articles i–v and viii.

5. Conybeare and Howson, *The Life and Epistles of St. Paul*; Hort, *Judaistic Christianity*, Cambridge, 1894; Ramsay, *St. Paul the Traveller and the Roman Citizen*, London, 1897; Rackham, *The Acts of the Apostles*, London, 1901: Kirsopp Lake, *The Earlier Epistles of St. Paul*, London, 1911.

6. Perry, *A History of the English Church*, vols. i, ii, London, 1881; *A History of the Reformation in England*, London, 1886; Stephens and Hunt, *A History of the English Church*, vols. iii–vi, London, 1899; Stokes, *Ireland and the Celtic Church* (ed. 6, Lawlor), London, 1907; *Ireland and the Anglo-Norman Church*, London, 1889.

7. Procter and Frere, *A History of the Book of Common Prayer*, London, 1908: Srawley, *The Early History of the Liturgy*, Cambridge, 1913; Swete, *Church Services and Service-books before the Reformation*, London, 1896; Dowden, *The Workmanship of the Prayer-Book*, London, 1899; *Further Studies in the Prayer-Book*, London, 1908.

8. Foakes Jackson. *History of the Christian Church* (to 451 A.D.), Cambridge, 1914; Gwatkin, *Early Church History* (to 313 A.D.), London, 1912; Bright, *The Age of the Fathers*, London, 1903; Bethune-Baker, *An Introduction to the Early History of Christian Doctrine*, London, 1903.

9. *Genesis*: Spurrell, *Notes on the Hebrew Text of the Book of Genesis*, Oxford, 1896.
   Romans: Sanday and Headlam (Internat. Crit. Comm.), Edinburgh, 1902.
   Comparative Study of Religions: W. R. Smith, *Lectures on the Religion of the Semites*, London, 1894: Cumont, *Les Religions Orientales dans le Paganisme Romain*, Paris, 1909; Geden, *Studies in the Religions of the East*, London, 1913; Jevons, *Comparative Religion*, Cambridge, 1913; Legge, *Forerunners and Rivals of Christianity*, Cambridge, 1915.

In addition to the above, articles in the following dictionaries may frequently be consulted with advantage:—For Papers 1, 2, 4, 5—Hastings' *Dictionary of the Bible*; for Papers 7, 9 (Comparative Study of Religions)—Hastings' *Encyclopædia of Religion and Ethics*; for Paper 8—Wace and Piercy's *Dictionary of Christian Biography*.

University Appointments Association.

THIS Association was formed in 1902, under the sanction of the Board of Trinity College, with the object of assisting Students and Graduates of the University to obtain appointments and employments at home or abroad, under the Government or otherwise.

The Executive Committee of the Association keep a Register of Students and Graduates desiring appointments, with a record of their qualifications. They collect and supply to those who register, information as to posts vacant, either at home or in the Colonies, in the various branches of the Civil Service, in Medicine, Engineering, Scholastic work, &c.; and endeavour to place applicants in communication with Boards, Firms, Agencies, &c., who desire to find men to fill such posts.

Those who wish to place their names on the Register should obtain from the Secretary a Form of Application, and subsequently should notify the Secretary in case of change of address. The Committee will not undertake to recommend for an appointment any applicant of whose fitness they are not satisfied.

The Committee hope that Graduates who reside at a distance will join the Association as corresponding members, and will co-operate by keeping the Secretary informed as to openings that may offer in different lines.

No fees are charged.

All communications should be addressed to the Secretary.

The Executive Committee of the Association is now constituted as follows:—

Alexander Charles O'Sullivan, M.A., M.D., Senior Fellow.
William Kennedy, M.A., Fellow and Tutor.
Ernest Henry Alton, M.A., Fellow and Tutor.
Sir Robert W. Tate, M.A., Fellow and Tutor.
John Joly, M.A., Sc.D., Fellow, Professor of Geology and Mineralogy.
Andrew Francis Dixon, M.B., Sc.D., University Professor of Anatomy and Chirurgery.
Sydney Young, Sc.D., University Professor of Chemistry.
James Sinclair Baxter, LL.D., Regius Professor of Feudal and English Law.
Gilbert Waterhouse, M.A., Litt.D., Professor of German.
James Thomas Jackson, M.A., M.A.I., Assistant to the Professor of Civil Engineering.
Olive Constance Purser, M.A., Lady Registrar.
John Good, Esq.
Joseph Johnston, M.A., Fellow and Tutor, *Secretary*.

The Committee meets once a month during Term, and as required during Vacation.

Library of Trinity College.

Library Hours.

The Library is open on week-days, except Saturday, from 10 to 4 o'clock, from February 1 to October 31; and from 10 to 3 o'clock during the months of November, December, and January; and on Saturdays throughout the year from 10 to 1 o'clock.

The Reading Room is open on week-days from 10 to 6 o'clock, except during the months of July and August, when it closes at 4 o'clock, and except on Saturdays throughout the year, when it closes at 1 o'clock.

The Reading Room is also open in the evening from 7 to 10 o'clock, except on Saturdays, and during the months of July and August.

The Library (including the Reading Room) is closed on Christmas Day, and the three week-days following; on Good Friday, Easter Eve, and Easter Monday; on Monday in Whitsun Week; and on the Bank Holidays, St. Patrick's Day, the King's Birthday, and the first Monday in August. It is also closed for a fortnight in July at a date fixed in the Calendar.

Admission of Readers.

Life Admission is granted only to Graduates of the Universities of Dublin, Oxford, and Cambridge.

Six-month tickets are issued to Undergraduates of Trinity College in their Sophister years.

Six-month tickets are issued to Undergraduates in their Freshman years, on recommendation by their tutor, with the approval of the Board.

Six-months' tickets may be granted by the Provost, on the recommendation of the Librarian, to strangers not being Students or Graduates. To avoid overcrowding, these tickets may be restricted so as to admit only between specified hours.

All readers, on admission, are required to make and sign the Library Declaration before the Provost, and to sign the Readers' Admission Register.

Temporary permission to consult specified books is granted to strangers at the Librarian's discretion.

Historical Summary.

In the year 1601, the Spanish troops were defeated by the English at Kinsale, and Her Majesty's army, to commemorate their victory, subscribed the sum of £1800, from the arrears of their pay, to establish in the University of Dublin a public Library.[a] Dr. Challoner

[a] Dr. Mahaffy, in his "Epoch in Irish History," gives a different account of this matter.

and Mr. James Ussher, afterwards the celebrated Archbishop, were selected by the benefactors as the trustees of their donation, and commissioned to purchase such books as they should judge most necessary and useful for the advancement of learning. "And it is somewhat remarkable" (says Dr. Parr) "that at this time [1603], when the said persons were at London about the laying out this money in books, they then met Sir Thomas Bodley there, buying books for his new erected Library at Oxford, so that there began a correspondence between them upon this occasion, helping each other to procure the choicest and best books on several subjects that could be gotten; so that the famous Bodleian Library at Oxford, and that of Dublin, began together."

The private collection of Ussher himself, consisting of 10,000 volumes, with many MSS. of great value, was the first donation of moment which the Library received; and for this also literature is indebted to the officers and soldiers of the English army. In 1640, Ussher left Ireland, and the insurgents soon after destroyed all his personal property, with the exception of his books, which were fortunately secured, and soon after conveyed to Chester, and from thence to London.[a] In 1642, Ussher was nominated one of the Westminster Assembly of Divines, but refused to attend, and even preached against their proceedings at Oxford.[b] For this crime his library, or a portion of it, which he had left behind him at Chelsea College, was seized and confiscated by order of the House of Commons, as the property of a delinquent; but John Selden, his particular friend, by the interference of Dr. Featly, obtained permission to purchase them as if for his own use, though really for the purpose of restoring them to their original owner. On the Archbishop's death in 1655, although he had destined his books for Trinity College, the misfortunes of the times compelled him to leave them to his only daughter, Lady Tyrrell, then mother of a numerous family,[c] and in narrow circumstances. Proposals were soon after made to her for the purchase of the library, by the King of Denmark and Cardinal Mazarin; but Cromwell issued an order prohibiting the Primate's family from selling it without his consent, and he refused to permit it to be brought out of the kingdom. Soon after, the officers and soldiers of the army then in Ireland, wishing to emulate those of Elizabeth, purchased the whole Library for the sum of £2200, together with all the Archbishop's manuscripts, and a choice though not numerous collection of ancient coins, with the design of presenting them to the College. But when the books were brought over to Ireland, Cromwell refused to permit the intentions of the donors to be carried into effect, alleging that it was his intention to found a new College or Hall, in which the collection might more conveniently be preserved separate from all other books. The library, therefore, was deposited in the Castle of Dublin, and being there kept with great negligence, an immense number of valuable

[a] Parr, p. 47. [b] Ibid., p. 50. [c] Ibid, p 102.

books and MSS. were stolen or destroyed. At length, on the Restoration, His Majesty King Charles II. ordered that what remained of the Primate's library should be given to the University, according to the generous purpose of the original purchasers.

In 1674, Sir Jerome Alexander, one of the Justices of the Common Pleas in Ireland, left his collection of law books to the College, with £100 for fitting up a place for them; as also the valuable MSS. contained in Class G in the Manuscript Room.

In the year 1726, the Library received an addition of upwards of 4000 volumes, from the books bequeathed to it by Dr. Wm. Palliser, Archbishop of Cashel, who had been a Fellow of the College, and also during his lifetime a munificent benefactor to it. The following extract from his will contains the conditions of this valuable bequest:—

"Item, I devise unto the Provost, Fellows, and Scholars of the College of the Holy Trinity near Dublin, and their successors, such of my books of all kinds as they now have not, or at the time of my death shall not be furnished with, to be sorted, and set out by the Rev. Doctor Claudius Gilbert, and my said son, William Palliser. Item, I devise unto the said Provost, Fellows, and Scholars, and successors, such editions of my books as they now have not, or at the time of my death shall not be furnished with, to be in like manner sorted and set out by the said Doctor Gilbert and my said son, William Palliser. Provided always, and my will is, that the editions and books hereby devised shall go by the name, and be always called *Bibliotheca Palliseriana*, and that the same shall be, and continue placed and kept next to the library devised to the Provost, Fellows, and Scholars, by the late Lord Primate Ussher, now called *Bibliotheca Usseriana*. And my farther will and meaning is, that if the said Provost, Fellows, and Scholars, or their successors, shall at any time fail to call the editions and books hereby devised by the name of *Bibliotheca Palliseriana*, or shall at any time fail to keep them next to the said library, devised by the late Lord Primate Ussher, the disposition hereby made to the said Provost, Fellows, and Scholars, and their successors, shall, upon such failures become void and of no effect."

Another most valuable addition to the Library was the collection of Dr. Claudius Gilbert, Vice-Provost and Regius Professor of Divinity, consisting of nearly 13,000 volumes. In the year 1735 he retired on the living of Ardstraw, and soon after presented his Library to the College, having spent his whole life in collecting books for that purpose.[a]

In 1741, Dr. John Stearne, Bishop of Clogher, and Vice-Chancellor of the University, bequeathed to the Library the valuable

[a] The following passage appears in the "Annual Register" for 1759:—
"Doctor Claudius Gilbert, formerly Vice-Provost of Trinity College, Dublin. This excellent person besides other valuable donations, bequeathed to that College a collection of books consisting of 13,000 volumes, chosen with great discernment and care. His bust was this day (Feb. 1, 1758) placed at the head of the books. It is the workmanship of Verproil, and for expression and elegance does great credit to the taste and skill of the Statuary

collection of MSS. preserved in Class F of the Manuscript Room, together with all such books from his private collection as were not already in the Library.

Besides these, the Manuscript Library is indebted to Dr. Miles Sumner, admitted a Fellow during the Commonwealth, and afterwards for many years Donegal Lecturer in Mathematics in the University; to Sir William Gore; Sir Henry Prescot; Dr. Henry Jones, Bishop of Meath and Vice-Chancellor of the University; Dr. John Parker, Archbishop of Dublin; William Barry, M.A.; John Lyon, M.A., and Librarian; Thomas Hey of Chester ("Cestensis Signifer"), A.D. 1646; Gordian Strowbridge; Murtogh Dowling, Esq., A.D. 1693; Charles Willoughby, M.D.; Cornelius Higden; and Edward Worth, M.D. Besides these, Peter Carewe, President of Munster in the reign of Elizabeth, gave to the Library a valuable collection of Irish Manuscripts.

In 1774, the sum of £100 was bequeathed to the Library by Thomas Holles, Esq., to be applied to the purchase of books written by English, Irish, or Scotchmen, upon Politics, Natural and Civil History, and Mathematics.

A very considerable addition was made to the Library in the year 1802, when the Fagel Library, consisting of upwards of 20,000 volumes, was purchased by the Board of Erasmus Smith for £10,000, and presented to the University. This valuable collection was made by M. Greffier Fagel, Pensionary of Holland, and in 1794, when the French invaded that country, was removed to England for sale, and there purchased for the College.

In the year 1805, a small but choice collection of books, including many *Editiones Principes* of the Classics, was bequeathed to the Library by Henry George Quin, Esq., under the conditions expressed in the following extract from his will, dated September 23, 1794:—

"I give and bequeath my large mahogany book-case, together with such of my books and manuscripts as are specified in a catalogue bound in red morocco leather, written in my own hand, and marked with the letters L.T.C.D., which book-case, books, and manuscripts, together with the catalogue itself, and the hammer which was presented to me at Amsterdam by Signor Crevanna, I give and bequeath for ever to the Provost and Fellows of Trinity College, Dublin, in order that they may be placed in the Library of the College. And as most of the books hereby bequeathed are of considerable value, and on that account the more liable to be stolen if placed in a situation easy of access, it is my will and desire that they be deposited, not in the great public room of the Library, but in that part of it called the Manuscript Room. And it is my will that the book-case hereby bequeathed which is to contain them, may be placed exactly in the centre of the side of the room, opposite to the door of entrance, and I desire that the words *Bibliotheca Quiniana*, in capital letters, two inches in height, and gilt on a dark-coloured ground, be put on the top of the two central doors of the aforesaid book-case, one word on each

door. And it is my will and desire, that the said book-case be generally kept locked, and that it be never opened, or the books handled by any person, but in presence of the librarian or his assistant, one of whom shall always keep the key thereof. And it is my desire that none of the books hereby bequeathed shall ever be taken out of the Manuscript Room. I desire likewise that none of them shall ever be rebound, or any new or additional covering or lettering of any kind be put upon them, but that they shall always remain precisely in the same state wherein they shall be found at the time of my decease. And I desire that a copy of the part of my will which relates to the disposal of my books be sent by my executors to the Provost and Senior Fellows, within one month after my decease, in order that my bequest may, in every particular, be fully carried into effect."

The Library is continually increased by copies of every book published in England. This privilege it enjoys by Act of Parliament,[a] 54 Geo. III. cap. 156.

In addition to gifts from Colonial and Foreign Governments, Universities, Academies, Institutions, and Societies during the year—

Gifts of books, &c., were received from :—

F. Elrington Ball, Litt.D., Martin J. Blake, B.A., Prof. J. Brassinne, T. B. Rudmose-Brown, M.A., W. R. Hall Caine, Dr. Hamilton Cameron, E. Carbonnel, Mrs. T. J. Coolidge, jr., Rev. C. Duggan, B.D., Dr. F. v. Eeden, Stephen Gaselee, C.B.E., Rev. A. W. Greenup, Litt.D., Sir George A. Grierson, K.C.I.E., T. O. Hylkema, N. Jorga, W. Kellaway, L. J. Kettle, M.I.Mech.E., Arveen Khosrov, T. Percy C. Kirkpatrick, M.D., F. H. Koch, A. Larsen, M. Lecat, Sir Donald MacAlister, K.C.B., Miss K. Maguire, M.D., W. H. Mellor, S. S. Millin, B.A., Miss M. E. North, B.A., Mrs. Arthur Palmer, C. W. Dyson Perrins, D.C.L., L. Peserico, C. E. Pitman, C.I.E., H. C. Plummer, M.A., F.R.S., A. F. Ponte, J. van S. Pope, M.A., Rev. Oswald Reichel, M.A., T. U. Sadleir, M.A., Lt.-Col. H. F. Smyth, R.A., Sir David Salomons, Bart., C. A. Stanuell, M.A., John Tweedy, R. E. Vinson, D.D., Geo. T. Winston, LL.D., T. J. Westropp, M.A., Miss E. C. Yeates.

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[a] The privilege was first given in the year 1801 (41 Geo. III. cap. 107). By 5 and 6 Victoria, chapter 45, the right of obtaining a copy of every book printed in the United Kingdom is confined to five Libraries viz. :—The British Museum; the Bodleian Library; the Public Library at Cambridge; the Library of the Faculty of Advocates at Edinburgh; and the Library of Trinity College

The number of volumes contained in the Library (including MSS.) was as follows:—

September, 1891,	224,586	September, 1906,	299,068
,, 1892,	228,037	,, 1907,	305,248
,, 1893,	231,538	,, 1908,	311,570
,, 1894,	235,093	,, 1909,	317,214
,, 1895,	238,606	,, 1910,	323,423
,, 1896,	241,818	,, 1911,	329,478
,, 1897,	244,887	,, 1912,	335,187
,, 1898,	251,876	,, 1913,	340,932
,, 1899,	257,323	,, 1914,	346,024
,, 1900,	264,075	,, 1915,	351,095
,, 1901,	269,929	,, 1916,	355,156
,, 1902,	275,110	,, 1917,	359,010
,, 1903,	280,741	,, 1918,	361,113
,, 1904,	287,248	,, 1919,	364,993
,, 1905,	293,638	,, 1920,	367,907

LENDING LIBRARY.

As the Royal Statutes by which the General Library is regulated forbid the removal of any book from its precincts, except for binding or other special cause, the Provost and Senior Fellows, many years since, established a Lending Library, consisting of books on the general subjects of collegiate study, which it was desirable that Students should be able to read in their own chambers, but which might prove too costly for ordinary purchase. The Lending Library receives constant augmentations of books, either from special donations, or from the proceeds of a grant made from time to time, out of the College funds.

The Lending Library contains an extensive collection of mathematical, classical, and theological books, as well as works connected with civil engineering. Medical Students are privileged to borrow books from the Medical Library of the College of Physicians.

The Lending Library is usually open for the lending and receipt of books, on three days in each week from 1.30 to 2.30 o'clock, P.M., during Term. A large room in the Museum Building is fitted up to receive the books of the Lending Library. Students can be furnished with Catalogues on application to the Clerk in charge of the Library.

THE LECKY LIBRARY.

IN 1912, shortly before her death, Mrs. Lecky presented to Trinity College the Library of her husband, William Edward Hartpole Lecky, a collection of about 6000 volumes.

The Library is placed in the Council Room, and books may be borrowed from it by Fellows, Professors, Lecturers, Assistants to Professors, and by Students specially recommended by the Professor or Lecturer whose class they are attending.

Application is to be made to the Clerk of the Lending Library.

Astronomical Observatory of Trinity College.

The Observatory is at Dunsink, five miles from the College. It is the official residence of the Royal Astronomer for Ireland. The principal instruments are a Meridian Circle by Pistor and Martins; a Chronograph by Grubb; a 12-inch refractor by Canchoix, presented by Sir James South, and a 15-inch silvered glass reflector by With, presented by Isaac Roberts, Esq., both of which are mounted equatorially. The Observatory is open from 7.30 to 9 P.M. on the first Saturday of the months September to April, inclusive. Special arrangements are made (through Tutors) in Hilary Term to enable Students to see the instruments, and have their use explained.

Time-Service.—The clock in the Museum Building and two clocks in the office of the Dublin Port and Docks Board are under the direct electrical control of the Mean-time Clock at the Observatory, and by a relay the control is extended to other clocks in Dublin. For the convenience of mariners a time-ball is dropped on week-days on the roof of the Port and Docks Office at one o'clock Greenwich mean time, by electrical arrangement.

Publications.—"Astronomical Observations and Researches made at Dunsink, the Observatory of Trinity College, Dublin" (printed by order of the Board of Trinity College):—

Part.

I. Results of Observations made with the South Refractor. 1870.
II. Further Researches on the Parallax of Stars, 1873.
III. Results of Observations made with the South Refractor. 1879.
IV. Mean Places of 321 Red Stars. 1882.
V. Observations in search of Stars with an Annual Parallax. 1884.
VI. Mean Places of 1012 Southern Stars. 1887.
VII. Mean Places of 717 Stars with large Proper Motions. 1896.
VIII. Mean Places of 1101 Stars with large Proper Motions. 1899.
IX. Mean Places of 321 Stars of reference for Clusters and of Zodiacal Stars. 1900.

Normal Climatological Station.

In January, 1904, the Provost and Senior Fellows established a Normal Climatological Station within the precints of Trinity College. The station occupies an open space in the Fellows' Garden, and is fully equipped.

A "Normal Climatological Station"—or "Second Order Station" of the International Classification—is one at which readings are taken each day at 9 A.M. and at 9 P.M., local time, and which is provided with the following instruments properly verified and exposed:—barometer, dry-bulb, wet-bulb, maximum and minimum thermometers, and rain-gauge. In addition to these instruments, the equipment of the Trinity College Meteorological Observatory includes a Campbell-Stokes sunshine-recorder and two-earth thermometers, of which the bulbs are placed underground at a depth of one foot and of four feet respectively.

The Meteorological Observatory is under the superintendence of Erasmus Smith's Professor of Natural and Experimental Philosophy, W. E. Thrift, M.A., F.T.C.D. Practical demonstrations of the use of the instruments are given by the Professor or his Assistants to Students of the School of Physic in Ireland, Engineering, and other Students from time to time during Term.

The observations are taken by an Undergraduate or Graduate in Arts, appointed each year by the Provost and Senior Fellows, on the nomination of Erasmus Smith's Professor of Natural and Experimental Philosophy.

Buildings of Trinity College.

Of the buildings of the original College of Queen Elizabeth no portion now remains.

A grant was made by the Corporation of Dublin, July 20, 1592, in which the bounds of Trinity College are recited as follows (Thomas Smith, Mayor, George Kennedy and John Myles, Sheriffs)

"Sicut se extendunt in longitudinem a campo vocato Anglice Hoggin Greene ex parte occidentali usque ad terram nuper Monasterii Beatæ Mariæ Virginis juxta Dublin nunc in tennure Johannis Dongan generosi; ex parte orientali et sicut jacet in latitudine a venella quæ ducit ad fontem St. Patricii ex parte australi usque ad terram prædictam nuper Monasterii Beatæ Mariæ Virginis et flumen Anliffey ex boreali parte."

In 1695–6 there were 144 hearths in Trinity College.

LIBRARY.

The foundation of the Library was laid May 12, 1712, the Provost and Fellows having obtained a grant of £5000 from Queen Anne, on the address of the Irish House of Commons, for the purpose of building a Library. The building itself was finished in 1724, but some years elapsed before it was prepared for the reception of books. The total cost was about £17,000, of which £15,000 in all was provided by the Parliament. The architect was Thomas Burgh.

The Long Room is 209 feet in length and 40 feet in breadth. 8 feet 4 inches being occupied on either side by the Stalls.

In 1743 Dr. Gilbert bequeathed a sum of £500 to purchase busts for the Long Room. Among the busts first placed in the Library, which were executed by Roubillac, is one of Dean Swift, which was presented to the College, in 1745, by the Senior Sophister Class. The busts of Lord Plunket and M'Cullagh are by Christopher Moore; that of Sir William Hamilton by the late J. H. Foley; that of Provost Humphrey Lloyd is by A. Bruce Joy.

In 1890 it was decided to enlarge the Library by enclosing the colonnades.

PRINTING HOUSE.

The Printing House was built between 1726 and 1734, by Dr. Stearne, Bishop of Clogher and Vice-Chancellor of the University.

DINING HALL.

The Dining Hall was erected between 1740 and 1745. It contains a number of portraits, chiefly of Chancellors of the University.

The portrait of Frederick Prince of Wales, over the entrance, was painted by Hudson, master of Sir Joshua Reynolds, and was presented to Trinity College by George III. Its frame was carved by G. Gibbons, and was originally in Windsor Castle.

FRONT OF TRINITY COLLEGE.

The West Front of Trinity College was erected in 1759, the architect being Sir William Chambers, who constructed Somerset House in London. The College received £40,000 from George II. upon the address of the Irish House of Commons, for the purpose of building this Front and the adjoining Parliament Square.

The statues of Goldsmith and of Burke, standing in front of the College, executed by J. H. Foley, were erected by public subscription in 1864 and 1868.

PROVOST'S HOUSE.

The Provost's House was erected in 1760, at a cost of £13,000, by Provost Andrews. It is a fac-simile of a house designed by the Earl of Burlington, and erected for General Wade, in Piccadilly, London.

The Provost's House contains portraits of Queen Elizabeth attributed to Martin Gheerhaerdts the younger, of Archbishop Ussher by Sir Peter Lely, and a portrait of the Duke of Bedford by Gainsborough.

PUBLIC THEATRE.

The Public Theatre, usually called the Examination Hall, was opened in 1787. It contains a Monument to Provost Baldwin (who died in 1758), and a number of portraits. Those of Queen Elizabeth and Archbishop Ussher are copies of the original portraits in the Provost's House. That of Bishop Berkeley is copied from a picture in Lambeth Palace. The portrait of Edmund Burke was painted by Hoppner.

In the gallery is the case belonging to the organ of the old chapel. This organ was built in Holland for a church in Spain, but was taken from the Spaniards in Vigo Bay, 1702, and repaired and enlarged in 1705. It was presented to the College by the second Duke of Ormonde.

CHAPEL OF TRINITY COLLEGE.

The present Chapel is the third which has existed in Trinity College. It was opened in 1798, and cost £22,000. It contains three painted glass windows:—

One, representing the Recapitulation of the Law by Moses and

the Restoration of the Jews, was erected in memory of Richard Graves, D.D., author of "Lectures on the Pentateuch," by his son and other relatives, in 1865.

The corresponding window on the other side of the Communion Table was erected in 1867, in memory of Bishop Berkeley, by the Right Honourable Robert Richard Warren, Judge of the Court of Probate.

The central window, directly over the Communion Table, was painted in Munich, and was erected in memory of Archbishop Ussher, by Dr. Butcher, late Bishop of Meath, in 1867.

The Chapel which preceded the present was consecrated in 1686. Its dimensions were the same as those of the present structure.

CAMPANILE.

The Campanile was erected in 1853, by Lord John George Beresford, Archbishop of Armagh and Chancellor of the University. The Bell, which was cast at Gloucester in 1744, weighs 31 cwt. 12 lbs.; and its clapper 2 cwt. 13 lbs.

MUSEUM BUILDING.

This Building was erected by the Provost and Senior Fellows in 1857.

It contains the Museums of Geology, and Mineralogy, and of Engineering Models, the Drawing Room of the Engineering School, the Room of the Lending Library, a Physical Lecture Room, the Lecture Room of the Schools of Divinity and Law, and a number of other Lecture Rooms. It contains also a Clock in electric connexion with the Observatory clock at Dunsink.

MEDICAL SCHOOL BUILDINGS.

These comprise three blocks.

In the middle one are:—

I. The Anatomical Department, which includes a large Dissecting Room with electric light; a Bone Room, in which are Sections of the frozen body, and various preparations and models illustrating the Development and the Topography of the Brain; a Lecture Theatre, with a powerful projecting Lantern; the Professors' rooms.

II. The Chemical Science School, including four general Laboratories, as well as special Laboratories for Quantitative and Gas Analysis; a Balance Room; a Chemical Museum, in which are a number of the rarer Chemical substances; a large Lecture Theatre; the Professors' rooms and laboratory.

III. A spacious Pathological Museum (see p. 287), with rooms for the Professor of Surgery.

IV. The Department of Materia Medica and Therapeutics, including a Laboratory, a Museum (see p. 287), and the Professors' rooms.

V. Two Lecture Theatres, Professors' rooms, the Office of the Registrar of the School, a Tutorial Class Room and a Students' Luncheon Room.

This part of the block was completed in 1887.

VI. The Museum of Anatomy and Zoology (see p. 287), completed in 1876.

At the north end of the Zoological Museum is the block containing the Department of Institutes of Medicine, which includes a large Laboratory for Histology, a Theatre in which the Lectures in Physiology are given, and the Professors' rooms. This block was finished in 1878; and subsequently enlarged in 1901.

On the south of the middle block is the School of Pathology, which contains a large Laboratory, a Theatre, the Lecturer's room, and a number of work and preparation rooms. In this building also accommodation is at present provided for the Department of Röntgen photography.

This building was completed in 1898.

All the Theatres have their seats numbered consecutively, one being assigned to each Student on entering for the corresponding course of Lectures.

SQUARES.

The Front Square, also known as Parliament Square, was erected along with the West Front.

The Library Square contains the oldest buildings in College, some of which were standing in the latter part of the seventeenth century.

The greater part of Botany Bay Square was built about the year 1816.

The New Square was begun in 1838, and finished in 1844.

GRADUATES' MEMORIAL.

The north side of the Library Square, which contained the old houses numbered 28 to 31, was demolished in 1899.

The Graduates' Memorial occupies the centre of the new building which has been erected in the space thus vacated, and contains a theatre, a library, a reading room, recreation rooms, rooms for the use of the College Societies, cloak rooms, &c.

The wings of the new building contain forty sets of single students' chambers, and the entrances are at the east and west ends.

LABORATORY OF EXPERIMENTAL PHYSICS.

The Laboratory of Experimental Physics was completed during the Summer of 1906. It is the gift of Viscount Iveagh; his Lordship contributing a sum of £16,500 for its construction and equipment. The actual cost of building was £14,708; of the fittings £1292; and the balance of nearly £500 has been laid out on Scientific Instruments.

The interior is designed so as to provide special accommodation for Students engaged in research, as well as to meet all the requirements of a large teaching laboratory. Several research rooms, furnished with every convenience in the way of scientific fittings, as well as class rooms for teaching the great divisions of Physical Science, Heat, Light, Electricity and Magnetism, are provided. There are also a large class room for introductory teaching, and a lecture theatre, seating 132, fitted with the latest facilities for demonstration.

The city current is laid on throughout the building, and a continuous current is supplied from a large storage battery in the basement.

The Architect was Mr. W. C. Marshall of London.

The annual outlay upon the upkeep of this Department is in part defrayed by the Board, and in part derived from a fund contributed by the Graduates and friends of the University during the years 1903–1906 [see Calendar, Vol. III.]. From this fund an annual income of £350 is assigned to the Laboratory of Experimental Physics.

BOTANICAL LABORATORY.

The New School of Botany was opened at the beginning of Michaelmas Term, 1907. It was built and equipped through the munificence of Viscount Iveagh at a cost of about £7950, and endowed with an income of £280 *per annum* by public subscription to the Science Fund. The Building contains a Lecture Theatre, a large Laboratory to accommodate practical classes of 60 students, various Class Rooms, and Research Laboratories, and a small Library. The Building is equipped throughout with the various appliances and apparatus required for Botanical Instruction and Research. In 1912, partly by contribution from Viscount Iveagh, and partly by contribution from the Board, a Herbarium was added at a cost of about £800.

Honors and Prizes at Entrance.

HIGH PLACES AT ENTRANCE.

AUTUMN ENTRANCE, 1920.

Price, Agnes Robina,	*Alexandra College, Dublin.*
Tweedy, Lorna Hastings,	*"Priorsfield," Surrey.*
Godfrey, William Edward,	*St. Peter's College, Wexford.*

NOVEMBER, 1920.

Keown, Thomas James Whitney,	*Model School, Monaghan.*
Reid, Robert John,	*Model School, Newtownards.*

JANUARY, 1921.

[None.]

APRIL, 1921.

Gibbon, Nathaniel Alcock,	*St. Columba's College.*
M'Clenaghan, Noel Ernest Longworth,	*The Academy, Omagh.*
Goff, Eric Noel Porter,	*St. Stephen's Green School, Dublin.*

MIDSUMMER ENTRANCE, 1921.

Peacocke, Cuthbert Irvine,	*St. Columba's College.*
Boyd, Marjorie Ruth Elizabeth,	*Liverpool College, Huyton.*
Appelbe, John William,	*Midleton College, Cork.*
Nunns, Claud Ernest George,	*Earlsfort House School.*

ENTRANCE PRIZES, 1920.

Greek Prose Composition.

1. Coleman, Philip,	*High School, Dublin.*
2. Baxter, William Smyth,	*Foyle College, Londonderry.*

Greek Verse Composition.

1. [None.]	
2. Baxter, William Smyth,	*Foyle College, Londonderry.*

Latin Prose Composition.

1. Baxter, William Smyth,	*Foyle College, Londonderry.*
2. Baker, Hugh Cuthbert,	*Campbell College, Belfast.*

Latin Verse Composition.

1. [None.]
2. Baxter, William Smyth, *Foyle College, Londonderry.*

English Literature and Composition.

1. Ardagh, Eileen Ambrose, *Alexandra College, Dublin.*
2. Baxter, William Smyth, *Foyle College, Londonderry.*

English History and Modern Geography.

1. Purdon, Elizabeth Geraldine, *Alexandra College, Dublin.*
2. Buchanan, John Pillar, *Portora Royal School, Enniskillen.*

French.

1. Ardagh, Eileen Ambrose, *Alexandra College, Dublin.*
2. Spielman, Doreen Lilias, *Alexandra College, Dublin.*

German.

1. Cooney, Johanna Stockham, *Ballymena Academy.*
2. [None.]

Hebrew.

1. Buchalter, Simon William, *Wesley College, Dublin.*
2. [None.]

Experimental Science.

1. Wilde, John Frederick, *Mountjoy School, Dublin.*
2. Griffin, Gerald Charles Leake, *Blackrock College.*

Modern Irish.

1. Hayes, Richard James, *Clongowes Wood College.*
2. [None.]

Scripture.

1. Bland, Eirene Alethea, *Rutland High School, Dublin.*
2. Young, Charles Ffolliott, *St. Columba's College, Rathfarnham.*

SIZARSHIPS.

Trinity Term, 1921.

Mathematics.

West, Edward Percival, *Mountjoy School, Dublin.*
Proctor, William Cecil Gibbon, *High School, Dublin.*
Clarke, Thomas Herbert, *Mountjoy School, Dublin.*
Rainsford, Hume Frederick, *Campbell College, Belfast.*

Classics.

Jones, Ivan Ellis, *High School, Dublin.*
Brown, Robert Edmund Dickon, *Mountjoy School, Dublin.*

Experimental Science.

Jessop, William John Edward,	*Mountjoy School, Dublin.*
Mitchell, William Geddes,	*Mountjoy School, Dublin.*
Anderson, Alfred Milburn,	*Mountjoy School, Dublin.*

Modern Languages.

Weinberger, Ernest Joseph,	*High School, Dublin.*
O'Connor, Anna Hadassah,	*Collegiate School, Celbridge.*

Irish.

Curran, Patrick Joseph,	*Presentation College, Mardyke, Cork.*

EXHIBITIONS AWARDED TO STUDENTS FROM SOUTH AFRICA.

1920–21.

Cohen, Morris.
Du Plessis, Charles Johannes.
Eliason, Joseph Elias.
Hegy, Reginald.
Loubser, Cornelius Johannes Nicólas.
Pienaar, Barend Petrus.
Schaffer, Rudolph.

Honor and Prize Examinations.

MICHAELMAS TERM, 1920.

TERM PRIZE EXAMINATION.

JUNIOR SOPHISTERS.

MATHEMATICAL PHYSICS.

First Rank.	*Second Rank.*
Rainsford, Angel.	Williams, Alfred Cecil.

CLASSICS.

First Rank.	*Second Rank.*
Tate, Jonathan. Bailey, Kenneth Claude. Megarry, Thomas. Steele, Robert William.	Nimmons, Joseph.

MENTAL AND MORAL PHILOSOPHY.

First Rank.	*Second Rank.*
Lavelle, Alexander Bannerman. Martin, Leslie Wallace. Megarry, Thomas. Tate, Jonathan.	Lynas, Samuel. Moorhead, Robert James. Lyons, Robert Biggart.

EXPERIMENTAL SCIENCE.

First Rank.	*Second Rank.*
Bailey, Kenneth Claude. Williams, Alfred Cecil. Thrift, William Henry. Armstrong, Anne Elizabeth.	Park, Mary Florence.

NATURAL SCIENCE.

[None.]

HISTORY AND POLITICAL SCIENCE.

First Rank.	*Second Rank.*
Longfield, Ada Kathleen.	Boyd, Patrick Gardner.
Maginess, Brian.	Kirke, Merle Haddis.
Griffin, Annie Elizabeth.	Wilkinson, Winifred Norah.
Moore, Frank.	
North, George Cecil.	
Varian, Ralph Werge.	
Jones, Emma Kathleen.	
Wilson, Mark.	

MODERN LITERATURE.

First Rank.	*Second Rank.*
Anderson, Ivy Geraldine.	Eliassoff, Martin Helmer.
Wilson, Mabel Kathleen Annie.	Thompson, Kathleen Redfern.
North, George Cecil.	Leslie, Kathleen Margaret Bulfin.
Stokes, Isabella Barbara Susan.	
Roe, Helen Maybury.	
Moore, Frank.	

LEGAL AND POLITICAL SCIENCE.

First Rank.	*Second Rank.*
Mustoe, Nelson Edwin.	Kirke, Merle Haddis.
Maginess, Brian.	

SENIOR FRESHMEN.

MATHEMATICS.

First Rank.	*Second Rank.*
Williams, Ernest Hillas.	[None.]
Gilbert, Thomas Travers.	

CLASSICS.

First Rank.	*Second Rank.*
Ffrench, Georgina Noelle Mary.	Micks, Edward Christopher.
Beare, William.	
Laidlaw, William Allison.	
Clayton, Muriel.	
Walton, Robert Gabbett Dundonald.	

MENTAL AND MORAL PHILOSOPHY.

First Rank.

Leahy, Kathleen Elizabeth.
Walton, Robert Gabbett Dundonald.
Beare, William.
Laidlaw, William Allison.
Willis, Sandham John.
Gelston, Ellen Mona.
Brooks, Lilian May.
Clayton, Muriel.
Johnson, Victoria Maud Mary.

Second Rank.

Scales, Eric Wilfrid.
Johnston, Eliza Brown Watt.
Houston, James.

EXPERIMENTAL SCIENCE.

First Rank.

Holmes, William.
Dixon, Patrick Kerr.
Purdy, Gordon.
Williams, Ernest Hillas.
Thrift, Dorothy Maude.

Second Rank.

Armstrong, Henry Joseph Livingston.
Gilbert, Thomas Travers.
Brooks, Lilian May.
Dickie, Robert Kelso.

NATURAL SCIENCE.

First Rank.

Brambell, Francis Wm. Rogers.
Joly, Lucy Mary.

HISTORY.

First Rank.

Holmes, William.
Steen, Frances Evelyn.
MacDonogh, Ethel Mary Noel.
Johnston, Eliza Brown Watt.

Second Rank.

Armstrong, Henry Joseph Livingston.
Hopkins, William Joseph.
Browne, Reginald Lindsay.
Carolin, Grace Frances.
Abernethy, Norah.

ENGLISH LITERATURE.

First Rank.

Leslie, Mary Isabel.
Laidlaw, William Allison.
Ffrench, Georgina Noelle Mary.
Leahy, Kathleen Elizabeth.
MacDonogh, Ethel Mary Noel.
Wilson, Robert Noble Denison.
Bourke, Patrick.

FRENCH.

First Rank.

Jones, Edward Aykroyd.
Leslie, Mary Isabel.
Stewart, William M'Causland.
Leahy, Kathleen Elizabeth.
Johnston, Eliza Brown Watt.
M'Keown, James Albert.
Spielman, Ivy Valerie.
Steen, Frances Evelyn.
Dromgoole, Alice Mary Elizabeth.
Milne, Elizabeth.
Gelston, Ellen Mona.
Wilson, Ruth Elizabeth.

GERMAN.

First Rank.

Stewart, William M'Causland.
Ffrench, Georgina Noelle Mary.
Jones, Edward Aykroyd.
Johnston, Eliza Brown Watt.
Spielman, Ivy Valerie.
Madden, Olive Mary.

JUNIOR FRESHMEN.

MATHEMATICS.

First Rank.

North, Athol Erling.
Troughton, Arthur Stanley.
Young, Robert Marcus.
FitzGibbon, Gerald.
Speedy, James.

CLASSICS.

First Rank.

Hornsby, Hazel Marie.
Duncan, George Alexander.
Shapira, Nathan.
Ferguson, John Roulette Stanley.
Gordon, Alice.

Second Rank.

Neligan, John Bourke.
Bayne, Alexander Wallace.
Irwin, Edward Vincent.

MENTAL AND MORAL PHILOSOPHY.

First Rank.

Troughton, Arthur Samuel.
Thompson, Hugh Richard.
Hudson, Sybil Naomi Victoria.
Ferguson, John Roulette Stanley.

Second Rank.

Wilson, Mary Kathleen.
Middleton, Samuel Henry Windrum.
Reid, Thomas Bertram Wallace.
Studdert, Mary Frances.

EXPERIMENTAL SCIENCE.

First Rank.

Cockle, Kenneth Bernard.
Smyllie, Alexander Walker Grahame.
FitzGibbon, Gerald.

Second Rank.

Montgomery, Edward George.
Kidd, James Donald.
Moss, Gladys Eveline.
Crampton, William Edward.
M'Carthy, Norman Roberts.
MacBride, Anna Marjorie.

NATURAL SCIENCE.

First Rank.

[None.]

Second Rank.

Anderson, Eric Lytton

HISTORY.

First Rank.	*Second Rank.*
Johnston, Thomas James.	Hallinan, Eric.
Clarke, Evelyn Maud.	Brunskill, Eileen Rhoda.
Warwick, Dorothy Eileen.	
Dunn, Edith Norah Campbell.	
Meade, Enid Kathleen Mary.	

ENGLISH LITERATURE.

First Rank.	*Second Rank.*
Smyllie, Alexander Walker Grahame.	Beere, Thekla June.
Hudson, Sybil Naomi Victoria.	Dunne, Edith Norah Campbell.
Warwick, Dorothy Eileen.	Troughton, Arthur Stanley.
Hallinan, Eric.	
Brunskill, Eileen Rhoda.	
Wilson, Mary Kathleen.	

FRENCH.

First Rank.	*Second Rank.*
Weinberger, Eva.	[None.]
Oxley, Elizabeth.	
Panter, Noel Douglas.	
Reid, Thomas Bertram Wallace.	

GERMAN.

First Rank.	*Second Rank.*
Weinberger, Eva.	North, Athol Erling.
Oxley, Elizabeth.	Panter, Noel Douglas.
Reid, Thomas Bertram Wallace.	FitzGibbon, Gerald.

PREMIUMS FOR COMPOSITION AT THE TERM LECTURES.

CLASSICS.

Senior Freshmen.

Hornsby, Hazel Marie.

Junior Freshmen.

M'Guire, Robert Ely.

ENGLISH.

Sophisters.

Eliassoff, Martin Helmer.

Freshmen.

Russell, Muriel Maud.

FRENCH.

Senior Freshmen.

Weinberger, Eva.

Junior Freshmen.

Ardagh, Eileen Ambrose.

GERMAN.

Senior Freshmen.

Reid, Thomas Bertram Wallace.

Junior Freshmen.

Eliassoff, Siegfried George.

CATECHETICAL PREMIUMS OR CERTIFICATES.

Examination.

CANDIDATE BACHELORS.

[No Candidates.]

JUNIOR SOPHISTERS.

[No Candidates.]

SENIOR FRESHMEN.

Church of Ireland.

MacDonogh, Ethel Mary Noel.

JUNIOR FRESHMEN.

Church of Ireland.

Beere, Thekla June.

Term.

SENIOR FRESHMEN.

Church of Ireland.

Warwick, Dorothy Eileen.

Presbyterian Church.

North, Athol Erling.
Pigott, Jean Jessie Wellesley.

JUNIOR FRESHMEN.

Church of Ireland.

Bland, Eirene Alethea.
Price, Grace Lilian.
Ardagh, Eileen Ambrose.
Purdon, Elizabeth Geraldine.

Presbyterian Church.

Johnston, Louise Palmer.

HILARY TERM, 1921.

TERM HONOR EXAMINATIONS.

The Names of the successful Candidates are arranged in order of merit.

SENIOR SOPHISTERS.

MENTAL AND MORAL PHILOSOPHY.

First Rank.

Lavelle, Alexander Bannerman.

NATURAL SCIENCE.

First Rank.

Malcomson, James.

LEGAL AND POLITICAL SCIENCE.

Second Rank.

Maginess, William Brian.

JUNIOR SOPHISTERS

CLASSICS.

First Rank.

Clayton, Muriel.
Beare, William.
Laidlaw, William Allison.
Lumley, Edward Kenneth.
Walton, Robert Gabbett Dundonald.

MENTAL AND MORAL PHILOSOPHY.

First Rank.

Leahy, Kathleen Elizabeth.
Walton, Robert Gabbet Dundonald.

Second Rank.

Brambell, Francis William Rogers.
Johnson, Victoria Maud Mary.

EXPERIMENTAL SCIENCE.

First Rank.

Holmes, William.
Brooks, Lilian May.
Thrift, Dorothy Maude.
Dixon, Patrick Kerr.

NATURAL SCIENCE.

First Rank.

Clark, Arthur Edward. | Brambell, Francis William Rogers.

HISTORY AND POLITICAL SCIENCE.

First Rank.	*Second Rank.*
Tate, William.	Micks, Edward Christopher.
Steen, Frances Evelyn.	
Emerson, Norman David.	
MacDonogh, Ethel Mary Noel.	

MODERN LITERATURE.

First Rank.	*Second Rank.*
Ffrench, Georgina Noelle Mary.	Dromgoole, Alice Mary Elizabeth
Stewart, William M'Causland.	
Leslie, Mary Isabel.	
Spielman, Ivy Valerie.	

LEGAL AND POLITICAL SCIENCE.

First Rank.	*Second Rank.*
Tate, William.	M'Keown, James Albert.

SENIOR FRESHMEN.

MATHEMATICS.

First Rank.

Troughton, Arthur Stanley | North, Athol Erling.

CLASSICS.

First Rank.	*Second Rank.*
Duncan, George Alexander.	Byron, Francis Thomas.

MENTAL AND MORAL PHILOSOPHY.

First Rank.	*Second Rank.*
Troughton, Arthur Stanley.	Willis, Frederick Roberts.
Reid, Robert Bertram Wallace.	Studdert, Mary Frances.
Gordon, Alice.	Clarke, Evelyn Maud.

EXPERIMENTAL SCIENCE.

First Rank.	*Second Rank.*
FitzGibbon, Gerald.	M'Carthy, Norman Roberts.
Moss, Gladys Eveline.	Kidd, James Donald.

HISTORY.

First Rank.	*Second Rank.*
Hallinan, Eric.	Dutt, Dhan Raj.
Weinberger, Eva.	Warwick, Dorothy Eileen.
Browne, Reginald Lindsay.	Meares, Keith Munro.

ENGLISH LITERATURE.

First Rank.

Jenkins, Raymond Gordon Finney.	Thompson, Hugh Richard.

FRENCH.

First Rank.	*Second Rank.*
Reid, Thomas Bertram Wallace.	Johnston, Margaret Louise.
Killingley, Arthur Victor Greratt.	

GERMAN.

[No Candidates.]

JUNIOR FRESHMEN.

MATHEMATICS.

First Rank.	*Second Rank.*
Troughton, John Fred. George.	Black, Mary Saunderson.
Watson, David M'Cloy.	MacMaster, John Sinclair.
Leatham, James.	Turnbull, Kathleen Collister.
Erritt, William Albert.	
Griffin, Gerald Charles Leake.	
Dickson, Thomas Eric.	
Price, Grace Lilian.	
Hayes, Richard James.	

CLASSICS.

First Rank.	*Second Rank.*
Freer, Leslie Gordon Potterton.	Pringle, Alfred Denis.
M'Guire, Robert Ely.	Greer, William Derrick Lindsay.

EXPERIMENTAL SCIENCE.

First Rank.

Griffin, Gerald Charles Leake.	Leebody, John Welsh.
Hadden, Robert Evans.	Harte, Charles Christopher.
Buchanan, John Pillar.	

HISTORY.

First Rank.	*Second Rank.*
Purdon, Elizabeth Geraldine.	Pim, Mary Sophia.

ENGLISH LITERATURE.

First Rank.	*Second Rank.*
Ardagh, Eileen Ambrose. Purdon, Elizabeth Geraldine. Russell, Muriel Maud.	Price, Agnes Robina.

FRENCH.

First Rank.

Russell, Muriel Maud.	Eliassoff, Siegfried George.
Ardagh, Eileen Ambrose.	Meredith, Una Carew.
Spielman, Doreen Lilias.	Lipsett, Kathleen Mildred.
Bland, Eirene Alethea.	M'Laughlin, Beatrice May.

GERMAN.

First Rank.

Bland, Eirene Alethea.	Meredith, Una Carew.
Eliassoff, Siegfried George.	

PREMIUMS FOR COMPOSITION AT THE TERM LECTURES.

CLASSICS,	*Senior Freshmen*, . .	Ferguson, John Roulette Stanley.
	Junior Freshmen, . .	[None.]
ENGLISH,	*Sophisters*, ...	Thompson, Kathleen Redfern.
	Freshmen, ...	Ardagh, Eileen Ambrose.
FRENCH,	*Senior Freshmen*, . .	Reid, Thos. Bertram Wallace.
	Junior Freshmen, . .	Spielman, Doreen Lilias.
GERMAN,	*Senior Freshmen*, . .	Weinberger, Eva.
	Junior Freshmen, . .	Meredith, Una Carew.

CATECHETICAL PREMIUMS.

Examination.

SENIOR SOPHISTERS.

Church of Ireland.

[None.]

Presbyterian Church.

[None]

SENIOR FRESHMEN.

Church of Ireland.

[None.]

Presbyterian Church.

[None.]

JUNIOR SOPHISTERS.

Church of Ireland.

Armstrong, Henry Joseph Livingston.

Presbyterian Church.

[None.]

JUNIOR FRESHMEN.

Church of Ireland.

Packham, William Alfred.

Presbyterian Church.

Pringle, Alfred Denis.

Term.

SENIOR FRESHMEN.

Church of Ireland.

(None.)

Presbyterian Church.

M'Dowell, George Ronald.

JUNIOR FRESHMEN.

Church of Ireland.

Dalgity, Jessie.
M'Intosh, Marjorie Louise Elizabeth.

Presbyterian Church.

Walmsley, George Alexander.

TRINITY TERM, 1921.

TERM HONOR EXAMINATIONS.

SENIOR SOPHISTERS.

LEGAL AND POLITICAL SCIENCE.

First Rank.

Wheeler, George Bonneforde.
Patton, William Francis.

Second Rank.

Gleeson, Daniel Joseph.

JUNIOR SOPHISTERS.

CLASSICS.

First Rank.

Clayton, Muriel.

MENTAL AND MORAL PHILOSOPHY.

First Rank.

Walton, Robert Gabbett Dundonald.

Laidlaw, William Allison.
Scales, Eric Wilfrid.

EXPERIMENTAL SCIENCE.

First Rank.

Holmes, William.

Second Rank.

Armstrong, Henry Joseph Livingston.

HISTORY AND POLITICAL SCIENCE.

First Rank.

M'Clenaghan, Herbert Eric St. George.
Emerson, Norman David.
Bourke, Patrick.
Wilson, Robert Noble Denison.
Micks, Edward Christopher.
Murphy, Dorothy Elizabeth.

Second Rank.

Daly, Michael Bernard.
Russell, Joseph George.
Armstrong, Henry Joseph Livingston.
Mitchell, Frederick Julian
Fletcher, Gilbert Marshall.

MODERN LITERATURE.

First Rank.

Ffrench, Georgina Noelle Mary.
Leslie, Mary Isabel.
Stewart, William McCausland.
Dromgoole, Alice Mary Elizabeth.
Jones, Edward Aykroyd.

Second Rank.

Noble, Eileen.

LEGAL AND POLITICAL SCIENCE.

First Rank.

Gelston, Ellen Mona. | Woods, John Lowe.

SENIOR FRESHMEN.

MATHEMATICS.

First Rank.

Troughton, Arthur Stanley.

CLASSICS.

First Rank.	*Second Rank.*
Duncan, George Alexander.	Gordon, Alice.

MENTAL AND MORAL PHILOSOPHY.

First Rank.	*Second Rank.*
Thompson, Hugh Richard.	Henry, Robert Noel.
Jenkins, Raymond Gordon Finney.	Wilson, Mary Kathleen.
Hudson, Sybil Naomi Victoria.	
Weinberger, Eva.	
Johnston, Margaret Louise.	

EXPERIMENTAL SCIENCE.

First Rank.	*Second Rank.*
Montgomery, Edward George.	Smyllie, Alexander Walker Grahame.
	Kidd, James Donald.

HISTORY.

First Rank.	*Second Rank.*
Johnston, Thomas James.	Hallinan, Eric.
Dunn, Edith Norah Campbell.	Templeton, John Herbert.
Dutt, Dhan Raj.	Meares, Keith Munro.

ENGLISH LITERATURE.

First Rank.	*Second Rank.*
Dutt, Dhan Raj.	Warwick, Dorothy Eileen.

FRENCH.

First Rank.	*Second Rank.*
Weinberger, Eva.	Johnston, Margaret Louise.
Panter, Noel Douglas.	
Wilson, Mary Kathleen.	

GERMAN.

First Rank.

Weinberger, Eva.

JUNIOR FRESHMEN.

MATHEMATICS.

First Rank.

Watson, David McCloy.
Troughton, John Fredk. George.
Turnbull, Kathleen Collister.
Erritt, William Albert.
Hallidy, Joseph Campbell.

Second Rank.

Griffin, Gerald Charles Leake.
Black, Mary Saunderson.

CLASSICS.

First Rank.

Freer, Leslie Gordon Potterton.
McGuire, Robert Ely.
Pringle, Alfred Denis.

EXPERIMENTAL SCIENCE.

First Rank.

Griffin, Gerald Charles Leake.
Hadden, Robert Evans.

Second Rank.

Price, Grace Lilian.

HISTORY.

First Rank.

McIntosh, Marjorie Louise Elizabeth.

Second Rank.

Dalgity, Jessie.
Keays, Richard George.
Troddyn, Susan Roe.

ENGLISH LITERATURE.

First Rank.

Ardagh, Eileen Ambrose.
Greer, William Derrick Lindsay.

Second Rank.

Young, Charles ffolliott.
Bohane, Doris.

FRENCH.

First Rank.

Russell, Muriel Maud.
Ardagh, Eileen Ambrose.
Spielman, Doreen Lilias.
Cooney, Johanna Stockham.

Second Rank.

Walsh, Eva.
Scholefield, Eleanor Dulcie.
Brown, Alice Gaynor Griffith.

GERMAN.

First Rank.

Cooney, Johanna Stockham.
Meredith, Una Carew.
McLaughlin, Beatrice May.

PREMIUMS FOR COMPOSITION AT THE TERM LECTURES.

CLASSICS,	*Senior Freshmen*, . .	[No Candidates.]
	Junior Freshmen, . .	Baker, Hugh Cuthbert.
ENGLISH,	*Sophisters*, ...	Milne, Elizabeth.
	Freshmen, ...	Dunn, Edith Norah Campbell.
FRENCH,	*Senior Freshmen*, . .	Bradshaw, Winifred.
	Junior Freshmen, . .	Russell, Muriel Maud.
GERMAN,	*Senior Freshmen*, . .	[None.]
	Junior Freshmen, . .	Cooney, Johanna Stockham.

CATECHETICAL PREMIUMS.

Examination.

SENIOR SOPHISTERS.

Church of Ireland.

[No Candidates.]

Presbyterian Church.

[No Candidates.]

SENIOR FRESHMEN.

Church of Ireland.

Brunskill, Eileen Rhoda.
MacFarlane, Dorothy.

Presbyterian Church.

[None.]

JUNIOR SOPHISTERS.

Church of Ireland.

[No Candidates.]

Presbyterian Church.

[No Candidates.]

JUNIOR FRESHMEN.

Church of Ireland.

Lowe, John Bethel.

Presbyterian Church.

[None.]

Term.

SENIOR FRESHMEN.

Church of Ireland.

Warwick, Dorothy Eileen.

Presbyterian Church.

[None.]

JUNIOR FRESHMEN.

Church of Ireland.

Price, Agnes Robina.
Rainsford, Alice Mary.
Freer, Leslie Gordon Potterton.

Presbyterian Church.

Baxter, William Smyth.

Miscellaneous Prizes in Arts.

[*Not recorded elsewhere.*]

Alice Oldham Memorial Prize, .	Rainsford, Angel.
Ancient History and Classical Archæology,	Ffrench, Georgina Noelle Mary. Hornsby, Hazel Marie. Beare, William.
Biblical Greek, Prizes in, . .	Irwin, Oliver Arthur Crawford. Walker, Robert Reginald.
Biggs Memorial Prize, . .	Buchanan, John Pillar.
Charles Wilkins Memorial Prize, .	[No Candidates.]
Dompierre-Chaufepié Prize, .	Panter, Noel Douglas.
Ecclesiastical History, Prizes in, .	Kennedy-Skipton, George Stacy.
Haslett Memorial Scholarship, .	Troughton, John Frederick George.
Hebrew Premiums (Senior Class), .	Buchhalter, Simon William. Dowse, Richard Henry.
,, (Middle Class),	Ruby, James Henry.
,, (Junior Class), .	Hill, Frederick Charles. Wilson, Dominick Patrick Sarsfield. Armstrong, Henry Joseph Livingston. Athy, Rowland.
Irish, Premiums in :—	
(Senior Class), . . .	Hayes, Richard James. Dillon-Leetch, Mary.
(Junior Class), . . .	Dunn, Nora. Watson, Hester Adelaide.
Marshall Porter Memorial Prize, .	[None.]

Examinations in Arts.

FINAL FRESHMAN SUPPLEMENTAL EXAMINATIONS.

Michaelmas Term, 1920.

The names of Classed Candidates are arranged in order of merit.

First Class.

Lumley, Edward Kenneth.
Freeman, John William.
Heaslip, John Ganly.
Woods, John Lowe.
Clayton, Muriel.
Wright, Dorothy.
Campbell, Harold Ernest.
Rice, Bernard Alexander.
Strong, Charles Eric.
Williams, Richard Patrick.
Tomkin, Harris.
Tickell, Geoffrey Hill.

Second Class.

West, Timothy.
Dromgoole, Alice Mary Elizabeth.
Miller, Lucy Evelyn.
Gilmour, Oswald Wellington.
M'Caughey, William.
Daly, Michael Bernard.
O'Connor, Michael Anthony.
Watson, Kathleen Beatrice.
Milne, Elizabeth.
Murphy, Dorothy Elizabeth.
Packard, Denzil Edward.

Third Class.

Boyd, Donald William Parker.
Brady, Albert James Stephens.
Sharpe, Jeanie.
Emerson, Norman David.
Madill, Elizabeth.
Switzer, Ernest Vivian.
Ternan, Alfred William Maunsell.
Brambell, Francis William Rogers.
M'Kinney, David.
Dixon, Henry Rowland.
Maunsell, Richard Lucius Dixie.
Harcourt, Elizabeth.
Hutton, Geoffrey Frank.
Lenihan, Michael.
Malone, Eileen.
Hanna, David.
Heard, Kenneth Wingfield.
Morrison, Percy Barnes.
Kent, Richard Roberts.
M'Caig, Albert Edward.
Mann, George Frederick Greer.
Beck, Cyril.
Hinchy, Violet May.
Smyth, Mary Margaret.

Unclassed (arranged alphabetically).

Allen, William Arthur.
Alper, Minnie.
Aykroyd, Wallace.
Bernstein, Alexander.
Booth, John James.
Boyd, Eileen Agnes.
Bradlaw, Mark Joseph.
Brereton-Barry, Ralph.
Byrne, John Joseph.
Copeland, Ely Goodman.
Du Toit, Jan Andries.
Eksteen, Albert Wynard.
Fayle, Benjamin William Day.
Fletcher, Gilbert Maxwell.
Fox, Maurice Digby.
Gaynor, Joseph Alfred.
Gillespie, George Fitzroy.
Gluck, Bernard.
Gordon, Jack Moir.
Grobler, Paul Johannes.
Hardy, Mary Enid.
Harte, Joseph.
Hutchinson, William.
Hyde, Raymond.

Ingham, Charles William Joseph.
Jaffe, Mossy.
Joly, Lucy Mary.
Kalmanson, John.
Kelly, Agnes Leeper.
Lawlor, Beatrice Kathleen.
Levitt, Jack Abraham.
Lyons, Desmond Kenny.
M'Elroy, Robert Samuel.
M'Keag, Robert Humphreys.
M'Quillan, Cecil James.
Marais, Ivon.
Marin, Israel.
Murison, Kathleen Duffers.
Nelson, Herbert.
O'Meara, Francis Joseph.
Rankin, George Douglas.
Robinson, George.
Samolsky, Percy.
Schwartzberg, Maurice.
Sloan, Gerard Andrew.
Speedy, William.
Stirling, Annette.
Strasburg, Israel.
Thompson, James Cuthbert.
Taylor, Wentworth.
Van Druten, Nicolas Jan.
Vivier, Barend.
Wagener, Maria Elizabeth.
Wagner, Philip.
Wicht, John Ditton.
Wilson, Thomas George.

Hilary Term, 1921.

Class List.

The names of the Classed Candidates are arranged in order of merit.

First Class.

Darragh, Herbert John Cecil.

Second Class.

Ellis, Alexander Reuben.
Noble, Eileen.

Third Class.

Griffin, Robert Leake.
Marks, William Frederick Waters.
Freeman, John Horace.
Harte, Campbell M'Pherson.
Martin, Thomas James.
Milne, John Desmond Beresford.
Moore, Robert Joseph.
Mollan, Charles John Gabriel.
Palmer, Alfred Kingsmill.

Unclassed (arranged alphabetically)

Anderson, Wilfred Harper.
Bailey, Frances Ethel.
Booth, Dorothy Jane.
Brangan, Eileen.
Burke-Gaffney, Henry O'Donnell.
Crampton, George Hugh Cecil.
Crawford, Edward Sydney Atkinson.
Dixon, William Samuel.
Fisher, Robert Lucius Carey.
Fitzgerald, James Joseph.
Fulton, Jane Dick.
Gabbe, Siegfried Donald.
Glanville, Robert Ranulf.
Glasgow, John Stanton.
Gluckmann, Cecilia Reva.
Hanna, Matilda Olivia.
Hill, Alexander George Glendon.
Huggett, Edward Eunstan.
Leonard, John Andrew.
Leventhal, Solomon Hyman.
Malone, Francis Laurence Gerard.
Marshall, James Lister.
Mellett, Edmund.
Mooney, Evaline Elizabeth.
Pentony, Edward Joseph.
Porter, Rachel Elizabeth.
Powell, Gerard Alphonsus Aloysius.
Prost, Arthur Gueiveldinger.
Roseman, Hyman Solomon.
Smith, Isobel Gillespie,
Sutton, Charles David.
Taylor, Charles Leo.
Wall, Thomas Raymond.
Whitsitt, Leslie Montgomery.
Williams, Robert George.
Wilson, Carmichael.

FINAL FRESHMAN EXAMINATION.

TRINITY TERM, 1921.

The names of Classed Candidates are arranged in order of merit.

First Class.

Hornsby, Hazel Marie.
Thompson, Hugh Richard.
Reid, Thomas Bertram Wallace.
Troughton, Arthur Stanley.
Young, Robert Marcus.
Duncan, George Alexander.
Bayne, Alexander Wallace.
Henry, Robert Noel.
North, Athol Erling.
Montgomery, Edward George.
FitzGibbon, Gerald.
Caldwell, Charles M'Neill.
Elkin, Edward Leonard.
Carson, John Henry.
Cunningham, Robert Alfred.
Hudson, Sybil Naomi Victoria.
Taylor, John.
Wolseley, Charles William.
Clarke, Evelyn Maud.
Crampton, William Edward.
King, Shana Dorothy.
Montgomery, William Andrew.
Speedy, James.
Sloan, George Berkeley.
Wiley, Jean Constance.
Leonard, John Aldworth.
Neligan, John Bourke.
Ferguson, John Roulette Stanley
Gordon, Alice.
Jenkins, Raymond Gordon.
Lawrenson, Leslie.
Willis, Frederick Roberts.

Second Class.

Arbuckle, Harold Baird.
Sloan, James Gilmore.
Crossett, Robert.
Kidd, James Donald.
King, John Godfrey.
Maguire, William Joseph.
Beattie, Annie Helena.
Pim, Jonathan.
Studdert, Mary Frances.
Coote, Amy Mildred Kildahl.
MacBride, Anna Marjorie.
M'Carthy, Norman Roberts.
Weinberger, Eva.
Bradshaw, Winifred Jessie.
Mair, Robert Wallace.
Oxley, Elizabeth.
Studdert, Austin John.
Byron, Francis Thomas.
Duncan, Kenneth Blackwood.
Haskins, John Begley.
Moss, Gladys Eveline.
Barbour, Violet Muriel.
Johnston, Thomas James.
Meares, Keith Munro.
Robb, Adelaide Maud.
Squires, Stanhope Sabine.
Hamilton, Gerald Henry.
M'Curdy, John.

Third Class.

Blake, Edgar Valentine.
Keirans, Vincent.
Walmsley, George Cecil.
Wilson, Mabel.
Coolican, Arthur Martin.
Studdert, de Clare Hallam.
Wilson, Mary Kathleen.
Beere, Thekla June.
Cuthbert, Joseph.
Downer, James Henry.
Hallinan, Eric.
Roe, William Thomas.
Scott, Walter Sidney.
Kennedy, Cyril Ormonde.
Warwick, Dorothy Eileen.
O'Connor, Fintan Michael.
Logan, Victor William.
Stanistreet, Henry Arthur.

Unclassed (arranged alphabetically).

Aldworth, Annie Eileen.
Bowyer, John Herbert.
Browne, O'Donel Thornley.
Byrne, Kathleen Rose.
Cohen, Morris.
Collins, John Cornelius.
Crawford, Thomas George Brown.
Duncan, William Linn.
Dunn, Nora.
Ellis, Edward Alfred.
Eyre, John Moore.
Fenton, Norah Edith.
Hooper, Arnold.
Johnston, John Moore.
Killingley, Arthur Victor.
M'Causland, Charles.
Mackay, Archibald.
Maxwell, William George.
Morris, Joseph.
St. Clair, John.
Schaffer, Rudolf.
Shegog, George Brice.
Tweedy, Richard Thomas.

GENERAL EXAMINATION FOR THE DEGREE OF B.A.

[For Moderators, see Graduates in Honors at the B.A. Degree Examination.]

Michaelmas Term, 1920.

The names of Respondents and Classed Candidates are arranged in order of merit.

Respondents.

Hamel-Smith, Lionel Frederic.
Sleith, Harley Lisle.

First Class.

Dawson, William James Eric.
Walker, Francis William.

Second Class.

Walker, Henry James.
Burt, Elinor Norah.
Nelson, William John.
Pollitt, Alfred.
Tipping, Nathaniel Drew.
Ross, Harold Aemilius.
Mein, Charles Benjamin.
Phillips, John Skelton.

Third Class.

Wray, Herbert Hans.
Callan, Thomas Raymond Tyrrell.
Campbell, David.
Neligan, Maurice Victor.
Williams, Thomas Herbert.
du Cros, Cyril.
Hamilton, Basil Long.
Thompson, Ernest St. Clair.
Nunan, William Alexander.
Moran, Thomas Whitley.
Richardson, Cecil Arthur.
O'Donel, William James.
Sharkie, Jos. Henry Faussett.
Crawford, William.
Dowzer, Bertha.

Unclassed (arranged alphabetically).

Bourke, Robert Gascoyne.
Brennan, John Carson.
Callanan, William Edward.
Coursey, Edward Bartholomew.
D'Arcy, Francis Bertram.
Dijkman, Cornelius Derksen.
Easby, Frederick Thomas.
Fair, Olive Victoria.
Flavelle, Ruth Florence.
Hall, Herbert.
Hill, Rupert Leo.
Hillis, Charles Rexter.
Holmes, William Edward.
Joly, Henry Charles.
Kavanagh, Desmond M'Murrough.
King, Charles Hume.
Laing, John Joseph.
Lang, Richard.
Lawther, James Murphy.
McCabe, Walter.
May, Thomas William.
Myers, Izidore Phineas.
Norris, Nannette.
Odlum, Muriel Vere.
Perrott, Robert Nelson.
Powell, May Evelyn.
Power, Richard Wood.
Ruben, Harry.
Saayman, Donald Harvey.
Thompson, John Douglas.
Thompson, John Knox Stafford.
Trayer, Benjamin Langer.
Villet, Charles Theodore de Mornet.
Whitby, John Montagu Ferdinand
Williams, James Valentine.
Williams, Norman Ernest Hamilton Powell.

At the Examinations for Moderatorships the Examiners recommended that the following be allowed credit for the ordinary B.A. Degree:—

EXPERIMENTAL SCIENCE.

M'Donald, Elizabeth Mary.
Lyndsay, David Victor.

MODERN LITERATURE.

Cairnduff, Euphemia (*Fr. and Germ.*) (Second Class).

SUPPLEMENTAL EXAMINATIONS FOR THE DEGREE OF B.A.

Hilary Term, 1921.

The names of the Classed Candidates are arranged in order of merit.

Respondent.

Flynn, Norah Sarah Jane.

Second Class.

Hardy, Francis.

Third Class.

Guise-Brown, Gerald Edward.
White, Warburton Edward.
Odlum, Gerald Edmund.
Worthington-Eyre, Hedges Eyre.

Unclassed (arranged alphabetically).

Baker, Robert Ruckley.
Day, John Francis.
Kirker, Gilbert.
Knowles, Henry Forbes Lancelot.
Maguire, William Henderson.
Maule, William Grant.
Murphy, Henry James Leopold.
Smith, William Harden.
Ward, Anthony Divir.

Trinity Term, 1921 (*April*).

The names of the Classed Candidates are arranged in the order of merit.

First Class.

M'William, William Nicholson.
Stokes, Henry Alban.
Johnson, Lionel Stewart.
M'Phail, Gordon Stuart.
Mustoe, Nelson Edwin.

Second Class.

Butler, Robert William.
Callaghan, Thomas Edmonds.
Praia, Duarte.

Third Class.

Steen, Alfred William.
Villiers, Arthur William Crips.
Fitzsimmons, William Moore.
Harper, James.
Soady, Francis Benney.

Unclassed (*arranged alphabetically*).

Brady, Hugh Redmond.
Buchanan, William Oliver.
Hogan, William Thomas.
M'Auliffe, Noel Goodisson.
M'Carthy, Thomas Paul.
Methven, Colin Thomas.
Parker, Wilfred Henry.
Taylor, James Benjamin.
Wilson, Crawford Lunham Law.

SPECIAL EXAMINATION FOR THE DEGREE OF B.A.

Trinity Term, 1921 (JUNE).

The names of the Classed Candidates are arranged in order of merit.

Respondents.

Seymour, Frederic Wilfrid.
Ashbee, Henry Guy Neville.
Best, Francis Olphert.
Lee, Alfred Tennyson.

First Class.

Plumer, Arthur Murray.
Oram, Frederick St. John.

Second Class.

Evans, Charles Leonard.
Longmore, Thomasina.
M'Mullan, David Hamilton.
Ronaldson, Jenny.
Kenny, George Gordon.
Hay, Robert Stevenson.
Duffey, Hugh.
Brolly, James.
Getty, John Boyd.
Hammond, Richard Frederick.
Harkness, William Frederick.
Haigh, Ernest.
M'Clure, William James.
Woodburn, Elizabeth.

Third Class.

Leonard, Thomas Richard.
Olphert, Mary Richmal.
Griffith, Benjamin Cobbe.
Hirsch, Mary Rickards.
Scott, Samuel Russell.
MacLaughlin, Mary Kathleen.
Wright, Ruthven Alexanderson.
Warner, Joseph Alfred.
Leared, Donald Ivan.
Martin, Francis Cyril.
O'Sullivan, William Bradley.

Unclassed (*arranged alphabetically*).

Bewley, Maurice.
Blackall, George.
Burt, Alida Charlotte.
Carroll, John Vincent.
Charters, Robert James.
Cornick, Isaac.
Crawford, Francis Charles.
de Bruijn, Theunis.
Dickson, William Sydney.
Drotske, Allen Erasmus.
Elian, Max.
Gallivan, Michael.
Gilcriest, John.
Griffiths, Richard Cecil.
Hofman, Jacob.
Irvine, Gilbert Marshall.
Jones, Cecil Vernon Hope.
Kelly, James Joseph Patrick.
Kinghan, Robert William.
Krige, Hendrik Nicolas.
Kruger, Julius.
Landau, Ernest Myer.
Lawlor, Robert Edward.
Lawrence, George Russell.
M'Caldin, Cecil William Robert.
M'Entee, John Charles Joseph.
Martin, Henry Meredith.
O'Connor, Joseph Michael.
Ovendale, Cecil Arthur Victor.
Ovendale, Charles Eustace.
Phillips, Laurence.
Powell, Michael Gerard John,
Rainsford, Seymour Grome.
Reid, Martha.
Robinson, Victor.
Russell, Samuel Wilfrid.
Sacks, Izak George.
Sayers, Max.
Seale, Richard.
Smyth, Herbert.
Stazunsky, Leopold.
Todd, Alfred Henry Norman.
Verzueil, Leon Olivier.
Weatherill, Gladys.
Weldon, Samuel Gerald.
Westropp, Hugh Thomas George.
Wigoder, Sylvia Beatrix.
Wilson, Leslie.
Young, Augusta Maud.

Examinations and Prizes in the Professional Schools,

1920–1921.

SCHOOL OF DIVINITY.

Prizemen not recorded elsewhere.

TOPLADY PRIZE.

Hilary Term, 1921.

M'Combe, Arthur Hill.

TERM PRIZES FOR READING THE LITURGY.

Michaelmas Term, 1920.

Dawson, William James Eric.

Hilary Term, 1921.

Pollitt, Alfred.

DR. DOWNES DIVINITY PREMIUMS.

Trinity Term.

Written Composition.

1. Synnott, Frederick William. | 2. Dawson, William James Eric.

Oratory.

1. Dawson, William James Eric. | 2. Ruby, James Henry.

Reading the Liturgy.

1. Dawson, William James Eric. | 2. M'Phail, Gordon Stuart.

O'REGAN MEMORIAL PRIZE.

Trinity Term.

Irwin, Oliver Arthur Crawford.

DIVINITY COMPOSITION PREMIUMS.

Michaelmas Term, 1920.

Senior Class.	*Junior Class.*
Irwin, Oliver Arthur Crawford.	Fitzpatrick, Richard William.

Hilary Term, 1921.

Senior Class.	*Junior Class.*
Swanton, Austen.	Armstrong, Arthur Patrick.

Trinity Term, 1921.

Senior Class.	*Junior Class.*
Milligan, George Alexander.	M'Combe, Arthur Hill.

ROBERT KING MEMORIAL PRIZE.

Irwin, Oliver Arthur Crawford.

Divinity Testimoniums.

The Regius Professor of Divinity is authorized to give a *special* Testimonium to such Divinity Students as come out in the first Class at the final Divinity Examination.

At the final Divinity Examination, held in Trinity Term, for such Students as had completed six Divinity Terms, the following Students received Testimoniums, and were arranged as follows according to their answering, the names in the first and second Classes being placed according to the order of merit:—

Trinity Term, 1921.

First Class.	*Second Class.*
Irwin, Oliver Arthur Crawford.	Dixon, Ernest George.
Acheson, William Gordon.	Wilson, Dominick Patrick Sarsfield.
	du Cros, Cyril.

Unclassed (*alphabetically*).

Coleman, William George.	Norris, Crawford.
Hamilton, Noble Holton.	White, Warburton Edward.

At the Supplemental Examinations held in Michaelmas and Hilary Terms, the Candidates were arranged as follows:—

Michaelmas Term, 1920.

(October Examination.)

First Class.	*Second Class.*
[None.]	Hobson, Abraham.

Unclassed.

Farrell, Robert Thompson.

December Examination.

First Class.	*Second Class.*
[None.]	Parkes, Fitzwilliam Cecil O'Grady.

Unclassed.

Huston, Charles William Archibald.

Hilary Term, 1921.

First Class.	*Second Class.*
[None.]	[None.]

Unclassed.

Mollan, Robert Augustine.

EXAMINATIONS FOR B.D. DEGREE.

Michaelmas Term, 1920.

Name.	*Divisions passed.*
Darling, Vivian William	3
Jackson, John Herbert	3, 6
Moss, Claude Beaufort	4
Talbot, Thomas	5
Thompson, Albert Ernest	6
Waugh, Richard Mortlock Lloyd	1

Hilary Term, 1921.

Hodges, Evelyn Charles	2
Robinson, Thomas Henry	4
Thompson, Albert Ernest	1

Trinity Term, 1921.

Hodges, Evelyn Charles	4
Jackson, John Herbert	1
Kenny, William Edward	3
M'Combe, Isaac Hill	2
Morgan, James	7
Moss, Claude Beaufort	6

SCHOOL OF LAW.

Michaelmas Term, 1920.

INTERMEDIATE EXAMINATION IN LAW.

First Class.

Wheeler, George Bonnefforde.
Halpin, John Ralph.
Hurley, Gertrude.

Second Class.

Westmore, William Nevitt.
North, George Cecil.
Pigot, David Richard.

Unclassed.

Browne, Herbert Macaulay.
Parker, Geoffrey Owen.

EXAMINATION FOR THE DEGREE OF LL.B.

First Class.

[None.]

Second Class.

Johnston, Anne Elizabeth.
Shaw, Christopher George,
Scott, Robert Mackey.

Unclassed.

Glynn, Patrick.
Green, Isaac.
Hopkin-James, Lemuel John.
Logan, May.
Mustoe, Nelson Edwin.

EXAMINATION FOR THE DEGREE OF LL.D.

First Class.

[None.]

Second Class.

[None.]

Unclassed.

Nichols, Beryl.

Trinity Term, 1921.

INTERMEDIATE EXAMINATION IN LAW.

First Class.

Gelston, Mona.

Second Class.

Patton, William Francis.
Johnston, Thomas Ernest.
Llewellyn, George Morgan.
Leslie, Kathleen Margaret Bulfin.

Unclassed.

Dillon-Leetch, Mary.

EXAMINATION FOR THE DEGREE OF LL.B.

First Class.

Wheeler, George Bonnefforde.

Second Class.

Burnside, Evelyn Margaret Georgina Evans.
Hurley, Gertrude.
Davies, Joseph Gwyn.

Unclassed.

Gamble, William.
Ward, Basil Jordain.
Ward, Charles James.

EXAMINATION FOR THE DEGREE OF LL.D.

First Class.

[None.]

Second Class.

Mills, John Victor Stratton.
Hopkin-James, Lemuel John.

Unclassed.

Shaw, Christopher George.

SCHOOL OF PHYSIC.

1920–21.

MICHAELMAS TERM, 1920.

PRELIMINARY SCIENTIFIC EXAMINATION.

PHYSICS.

Loubser, Cornelius Johannes Nicolas.
Dickson, William Arthur.
Beggs, Samuel.
Labuschagne, Paul Nicolas Harm.
Nevin, Henry Millar.
Whitby, Jonathan Montagu Ferdinand.
Carson, Robert George.
Steele, John Leslie Fisher.
Thompson, Robert Gordon Ffolliott.
Anderson, Cecil MacGeagh.
Holmes-Ievers, Robert Aloysius Joseph.
Keatinge, Leslie Reginald Heber.
Potts, William Charles Gorman.
Heatley, Robert Arthur.
Patrick, John Brian.
O'Callaghan, Mary Louise.
Crowley, Arthur.
Fenton, Norah Edith.
Bamford, Gordon Paul.
Boyle, James Caird Carson.
Handley-Ensor, Rupert Charles.

CHEMISTRY.

Bradshaw, John Russell. } *Passed on High Marks.*
Steele, John Leslie Fisher. } *Passed on High Marks.*
Crawford, John.
du Toit, Jan Andreas.
Gillespie, George Fitzroy.
Levingston, John Learmonth.
Magowan, Samuel Edgar.
Atkinson, John Noel.
Wood, William Stuart.
Robinson, Philip Bernard.
Taylor, William Hamilton Hepburn.
Boyle, James Caird Carson.
Hopkins, William Arthur.
M'Cullagh, William Lennox.
M'Dermott, Samuel.
Hanna, Matilda Olivia.
Crawford, Edward Sydney Atkinson.
Bird, George Armitage.
Head, Alfred Joseph.
MacKenzie, Kenneth Fitzgerald.
Carson, Robert George.
MacMahon, Helena.
Piel, Paul Douglas.
Taylor, Wentworth Alexander.
Dudgeon, Edward Caulfeild.
Anderson, Wilfred Harpur.
Thompson, Robert Gordon Ffolliott.
Wigoder, Simon.
Hemmingway, Douglas Lennox.
M'Donald, Christina.
Nevin, Henry Millar.
Whitsitt, Leslie Montgomery.
Horwich, Jerreth.
Fenton, Norah Edith.
O'Connor, Frances Elizabeth.
Brittain, Mabel Elizabeth.
Anderson, Cecil MacGeagh.
Crawford, Angel Valentine Brown.
Cowan, George Abraham.
Moore, Cecil Robert.
Crowley, Arthur.
Heatley, Robert Arthur.
Black, Irene.
Golding, Joseph Jack.
Greeves, Norman Mellor.
Cussen, Denis John.
Haskins, Launcelot William Roe
Laing, John Joseph.
Riddall, Eva Isabel.

BOTANY AND ZOOLOGY.

Potts, William Charles Gorman. { *Passed on High Marks.*
Ellis, Edward.
Van der Merwe, Philip Paul.
Johnston, John.
Haskins, Launcelot William Rowe.
Pedlow, Margaret Ethel.
Joubert, Gideon Jacobus.
Ball, Kathleen Mary.
Edwards, Geoffrey Dixon.
Steele, John Leslie Fisher.
Lee, Alfred Edward.
O'Connor, Frances Elizabeth.
Shafik, Ahmed Ahmed.
Patrick, John Brian.
Franklin, Robert Vincent.
Beaumont, William Victor
Taylor, William Hamilton Hepburn.
Foster, John Edward.
Carson, Roy Knox.
Waters, Harry.
Purcell, Frederick Michael.

INTERMEDIATE MEDICAL EXAMINATION.

Part I.

ANATOMY, PHYSIOLOGY, AND ORGANIC CHEMISTRY.

M'Laughlin, Agnes.
Monks, Anthony Benedict.
Dockrell, Anne Dorothy.
Lewin, Harold.
Smith, Isobel Gillespie.
Wynne, Wilfrid Edwd. Carleton.
Easby, Frederick Thomas.
Hodgman, Jan Hendrik.
M'Auliffe, Noel Goodison.
Speedy, Isabella Hogg.
Jaffe, Mossy.
Roseman, Hyman Solomon.
Asherson, Asher.
Lawler, Bertha Harriett.
MacCarthy, Charles Thomas.
Gilcriest, Norah Mary.
Rollins, Herbert.
Lipschitz, Reuben.
Gallivan, Michael.
Harvey, Edward.
Weatherill, Gladys.
Ruben, Harry.
Gabbe, Siegfried Donald.
Kohlberg, Herbert.
Brown, Frederick George.
Gordon, Charles.
Levitt, Lionel Samuel.
Burke-Gaffney, Henry O'Donnell.
Foster, Albert Victor.

PHYSIOLOGY AND ORGANIC CHEMISTRY (ONLY).

Brangan, Eileen.
Craig, James.
Glasgow, John Stanton.

Part II.

APPLIED ANATOMY AND APPLIED PHYSIOLOGY.

Reid, Martha.
Moore, David Lucius Henry.
Byrne, Joseph Connel.
Hill, Rupert Leo.
Hall, Herbert.
Henry, Dorothy Isabel.
Brady, Hugh Redmond.
Strong, Herbert William.

FINAL MEDICAL EXAMINATION.

Part I.

MATERIA MEDICA AND THERAPEUTICS; JURISPRUDENCE AND HYGIENE; PATHOLOGY AND BACTERIOLOGY.

Passed in High Marks.

Bewley, Maurice.
Irvine, Gilbert Marshall.
Dijkman, Cornelis Derksen.
Hugo, Daniel.
Brunton, Charles Eason.
Vercueil, Leon Olivier.
Robinson, Victor.
Rainsford, Seymour Grome.
Blackall, George.
Ovendale, Charles Eustace.
Weldon, Samuel Gerald.
Kaplan, Maximilian William.
M'Crea, William Baker Edward.
Gillespie, Joseph Cecil.
Powell, Michael Gerard John.
M'Entee, John Charles Joseph.
Murphy, Cyril James Ussher.
Krige, Hendrik Nicolas.
Marais, Ivan.
Lait, John.
Robinson, George Cyril Brereton.
Horan, John Beattie.
Hilliard, Francis Maybury.
Malherbe, Gideon Clement.
Satchwell, Robert Henry.
Dickson, William Sydney.
Lang, Richard.
Bouchier-Hayes, Margery.
Cockle, Beryl Frances Emily.
Williams, James Valentine.
de Villiers, Izak Frederik Albertus.
Holmes, William Edward.

MATERIA MEDICA AND THERAPEUTICS; JURISPRUDENCE AND HYGIENE.

Bewley, Arthur Geoffrey.
Holland, Doris.
Russell, Samuel Wilfred.
Phillips, Albert Edward.
Falkiner, Ninian M'Intire.
Dundon, Harry Cristol.
Hanna, Henry Lyle.
Devane, James.
van Staden, Jacobus Frederik.
Kelly, James Joseph Patrick.

PATHOLOGY AND BACTERIOLOGY.

Smith, William Harden.
Ward, Anthony Divir.
Craig, John Russell.
Wills, James Robertson.
Bradlaw, Albert Stanley.
Menary, Vera Gladys May.
Murphy, William Allen.

Part II.

MEDICINE (M.B.).

Passed on High Marks.

Smith, Edmund Cyril.
Herzenberg, Leo.
M'Quade, Cecil Emrys.
Levitt, Percival Israel.
de Bruijn, Daniel.
Radloff, Theodor.
Crosbie, John Henry Breuell.
Campbell, Edward Gordon.
Norris, Nannette.
Horan, Mary.
Levy, Isaac.
M'Brien, Mervyn Edmund.
Griffith, Nora.
Deale, Eric William Swain.
Hofmeyr, Harold Osmond.

SURGERY (B.CH.).

Radloff, Theodor. { *Passed on High Marks.* }
M'Quade, Cecil Emrys.
Corbet, Robert Henry Joseph Mulhall.
Pratt, Francis Young.
Power, Richard Wood.
Deale, Eric William Swain.
{ Cary, Thomas Falkland Litton.
{ Levy, Isaac.
{ Shegog, Frederick William.
Stopford, Elinor Dorothy.
Smith, James Alexander.
{ Burns, Elsie Anna.
{ Hofmeyr, Harold Osmond.
Wilson, Cecil Samuel.
{ Baillie, Emily Elspeth Grace.
{ M'Ilrath, Constance.
Browne, David John.
{ Latham, Donald Victor.
{ Mack, Eric Stuart Ewing.
Flavelle, Ruth Florence.
{ Griffith, Nora.
{ Hill, Samuel Reginald.
{ Panter, Thomas Whelan.

MIDWIFERY (B.A.O.).

Jabkovitz, Philip. } *Passed on High Marks.*
Stevenson, Margaretta Tate. } *Passed on High Marks.*
de Bruijn, Daniel.
{ Acheson, James Alexander.
{ Davis, James Carlisle.
Campbell, Edward Gordon.
Lawlor, Alice Elizabeth.
Bobbett, Patrick Mary Joseph.
Wigoder, Lionel.
Brennan, John Carson.
Radloff, Theodor.
{ Bradlaw, Albert Stanley.
{ Craig, John Russell.
Willock, Edith Florence.
Menary, Vera Gladys May.
Waugh, John Richard.
Dowse, Richard Victor.
Semple, John Mervyn.
Horan, Mary.
Satchwell, Robert Henry.
Hofmeyr, Harold Osmond.

DENTAL EXAMINATIONS.

PRELIMINARY SCIENTIFIC DENTAL EXAMINATION.

PHYSICS.

Bailey, Frances Emily. | Dickson, James Alfred Nicholson.

CHEMISTRY.

Bailey, Frances Emily.

METALLURGY.

Tuke, John Henry Burland.

DENTAL ANATOMY.

Wall, Thomas Raymond.

INTERMEDIATE DENTAL EXAMINATION.

ANATOMY AND PHYSIOLOGY.

Robb, George Cyril.

DIPLOMA IN PUBLIC HEALTH.

Part I.

CHEMISTRY, BACTERIOLOGY, PHYSICS, AND METEOROLOGY.

Healy, Sylvester Joseph.
Sen, Satindra Kumar.
Godbey, Frederick William.
M'Donogh, Charles Lewers.
Lane, Patrick Joseph.

Part II.

SANITARY ENGINEERING, SANITARY INSPECTION AND REPORT, HYGIENE, EPIDEMIOLOGY, VITAL STATISTICS, PUBLIC HEALTH LAW.

Healy, Sylvester Joseph.
Lane, Patrick Joseph.
Sen, Satindra Kumar.
Quinn, Joseph Patrick.
Sheppard, Mary Christina.

HILARY TERM, 1921.

PRELIMINARY SCIENTIFIC EXAMINATION.

PHYSICS.

Shapira, Nathan.
Wilde, John Frederick.
Coleman, Philip.
M'Lean, Alexander Dewar.
Miller, George Arthur.
North, Harold Stoney.
M'Intyre, William Percival Edwin.
Crawford, Thomas George Brown.
Livingston, Mary Cecilia.
M'Causland, Charles Edward.
Boland, Charles Richard.
MacDowell, Thomas Whitley.
Foster, Thomas Cartret.
Gallaugher, William.
Gregory, Joseph Richard.
Rankin, Grace Jessica.
Sherowitz, Maurice.
Torrens, Robert George.
M'Cauley, James Ewart.
Maxwell, William George Smith.
Tomkin, Harris.
Dick, James.
Joubert, Gideon Jacobus.
Adams, Frances.
Ellis, Edward.
M'Caldin, Charles Frederick Dermot.
M'Mahon, William John Alexander.
Roantree, Wm. Bernard.
Rudd, Eric Thomas Sutherland.
Scott, Norah Emilie. Carlton.
Ferguson, Henry Arnot.
M'Alpine, Edward.
Waters, Harry.
Galvin, Mary.
Sloan, Wolsey Cornwall.
Coen, William Henry.
Lowry, Hubert Steen Kilroy.
Young, Augusta Maud.
Pike, Margaret Walker.
Pedlow, Margaret Ethel.
Browne, O'Donel Thornley Dodwell.
Franklin, Robert Vincent.
Gurevich, Solomon.
Lowry, Gladys Mary Agnes.
Miller, Mary Swan.
Simpson, Irwin Edward Paget.
Condon, John Patrick.
Garde, Godfrey Walter.
M'Entire, Dorothy Alexandra.
Smyth, Donald Thomas.
Chance, Oliver.
Cusack, James Joseph.
Kerr, Olive Gwendolen.
Kieran, Edward Austin.
O'Sullivan-Beare, Donal Barry
Somerville-Large, William Collis.
Trant, Hope.
MacMahon, James Francis.
Porter, Rachel Elizabeth.
Black, Irene.
Bluett, Douglas.
Armstrong, Henrietta.
Byrne, Kathleen Rose.
Craig, Gladys Lillian.
Cronin, Richard Thomas.
Fair, Aileen.
Harris, Alexander Ian.
Roddy, Helena Mary Gertrude.
Russell, William.
Townsend, George William Hughes.
Wallace, Patrick.
Westropp, Hugh Thomas George.

PRELIMINARY SCIENTIFIC EXAMINATION—*contd.*

CHEMISTRY.

Labuschagne, Paul Nicolas Harm.
Cussen, John.
Keatinge, Leslie Reginald Heber.
Deane, Annie Teresa.
Wilson, Carmichael.
Stokes, John Everard.
Condon, John Patrick.
Beggs, Samuel.
Gray, Arthur Richardson.
O'Kane, Patricia.
Power, David Norman.
Purcell, Frederick Michael.
Wilson, Charles Herbert.
Warrington, Robert Cecil Ussher.
Gallagher, William Richard Gorringe.
Potts, William Charles Gorman.
Garde, Godfrey Walter.
Holmes-levers, Robert Aloysius Joseph.
Wallace, Patrick.
Williams, Robert George.

BOTANY AND ZOOLOGY.

Power, David Norman.
Gurevich, Solomon.
Bamford, Gordon Paul.
Hewat, Elspeth Violet Duxbury.
M'Kenna, Francis Hector.
Matthews, Frederic Duncan.

BOTANY (ONLY).

Bowyer, John Herbert.

INTERMEDIATE MEDICAL EXAMINATION.

Part I.

ANATOMY, PHYSIOLOGY, AND ORGANIC CHEMISTRY.

Henry, Robert Francis Jack.
Landau, Ernest Myer.
Werner, Louis Emil Joseph.
Brandt, Reginald Reginald John.
Passed on High Marks.
Cohen, Morris.
Robinson, George.
Hafner, Etienne Rodolphe.
Renton, Harold.
Geffen, Samuel Michael.
Morris, Joseph.
Ingham, Charles William Joseph.
Stuart, John Latimer.
Levitt, Jack Abraham.
Narunsky, Solomon.
Wilson, Victoria Jane.
Wood, Albert Victor.
Powell, Gerard Alphonsus Aloysius.
Maguire, John George.
Birney, Herbert.
Duke, Francis Vincent.
Jordan, George Robert Leslie.
Marshall, James Lister.
Booth, Dorothy Jane.
Hawthorne, Alexander.
Smith, Norah Mary.
Marin, Israel.
Crichton, Robert Young.

INTERMEDIATE MEDICAL EXAMINATION—*continued.*

ANATOMY (ONLY).

Freedman, Tobias.
M'Quillan, Cecil James.
Craig, James.
Brangan, Eileen.
Glasgow, John Stanton.

PART II.

APPLIED ANATOMY AND APPLIED PHYSIOLOGY.

Passed on High Marks.

M'Laughlin, Agnes.
Gluck, Bernard.
Micks, Robert Henry.
Gaynor, Joseph Alfred.
Jackson, Robert Tennant.
Whaley, William Frederick.
O'Meara, Francis Joseph.

Irwin, Florine Isabel.
Downer, Eric Christopher.
Landau, Ernest Myer.
Monks, Anthony Benedict.
Heyman, Lazarus.
Hutchinson, William Edward.
Malan, David Johannes.
Morris, Bernard.
Hegy, Reginald.
Sibthorpe, Marjorie Frances.
Ovendale, Cecil Arthur Victor.
Fayle, Benjamin William Day.
Milmo, Dermod Hubert Francis.
Copeland, Ely Goodman.
Earl, John Cecil.
Saunders, George Francis Thomas.
Wynne, Wilfrid Edward Carleton.
Samolsky, Percy.
Darlington, Arthur.
Martin, Henry Meredith.
Hafner, Etienne Rodolphe.
Deale, James Edward.
Brown, Frederick George.
M'Kenna, James O'Neill.
Vellema, Douwe Marinus.
Coetzee, Louis Johannes.
Van Heyningen, Cecil Gerhardus Sophie.
Downing, Alice Mary Angela.
Griffiths, Richard Cecil Lewis.
Wulfsohn, Max.
Lipschitz, Reuben.
Jaffe, Mossy.
Williams, Norman Ernest Hamilton Powell.
Asherson, Asher.
Wagner, Philip Frederick Henry.
Dixon, William Samuel.
Wilson, Thomas George.
Hugo, Hans Jacob.
Hyde, Raymond James Garnet.
Wicht, John Ditton.
Rollins, Herbert.
Wagener, Maria Elisabeth.
Smith, Frederick Wm. Gordon.
Speedy, Isabella Hogg.
Gallivan, Michael.
MacCarthy, Charles Thomas.
Lewin, Harold.
Bernstein, Alexander.
Fisher, Robert Lucius Cary.
Levitt, Lionel Samuel.
M'Cormick, Victor Ormsby.
Rauch, Jan Hendrik.
Fitzgerald, James Joseph.
Harvey, Edward.
Kalmanson, John.
Kruger, Julius.
Gordon, Charles.

APPLIED ANATOMY (ONLY).

Hardy, Mary Enid.

FINAL MEDICAL EXAMINATION.

PART I.

MATERIA MEDICA AND THERAPEUTICS; JURISPRUDENCE AND HYGIENE; PATHOLOGY AND BACTERIOLOGY.

Stazunsky, Leopold. } *Passed*
Drotske, Allen Erasmus. } *on*
Crawford, Francis Chas. } *High*
Boyd Lindsay Brown. } *Marks.*
Spence, David Sheridan.
Carroll, John Vincent.
O'Meara, Robert Anthony.
Alper, Minnie.
Seale, Richard.
Stuart, Charlotte Annie.
Watson, John Desmond.
D'Arcy, Francis Bertram.
Lemon, Ruth.
M'Caldin, Cecil William Roberts.
Malone-Barrett, Francis.
Fouche, Petrus Hendrik Stephanus.
Deane, Joseph Eugene.
O'Connor, Joseph.
Murphy, Henry James Leopold.
Sayers, Max.
Russell, John Gerald.
Saayman, Donald Harvey.
Dorman, Dorothy Charlotte Hobart.
Odlum, Muriel Vere.
Harcourt, Mary Helen.
Phillips, Laurence.
Myers, Izidore Phineas.
Byrne, Joseph Connel.

MATERIA MEDICA AND THERAPEUTICS; JURISPRUDENCE AND HYGIENE.

Hall, Herbert. | Hogan, William Thomas.

JURISPRUDENCE AND HYGIENE; PATHOLOGY AND BACTERIOLOGY.

Perrott, Robert Nelson.

PATHOLOGY AND BACTERIOLOGY.

Bewley, Arthur Geoffrey.
Falkiner, Ninian M'Intire.
Phillips, Albert Edward.
Moran, George Septimus.
Hanna, Henry Lyle.
Dundon, Harry Cristol.
Kelly, James Joseph Patrick.
Devane, James.

PART II.

MEDICINE (M.B.).

Smith, James Alexander.
Browne, David John.
Corbet, Robert Henry Joseph Mulhall.
Cary, Thomas Falkland Litton.
Stopford, Elinor Dorothy.
Deane, Hector Charles Chatterton.
Willock, Edith Florence.
Pratt, Francis Young.
Satchwell, Robert Henry.
Daly, Dorothy Alice.
Wilson, Cecil Samuel.
Horgan, Eric Sealy.
Flavelle, Ruth Florence.
Latham, Donald Victor.
Chapman, Robert Sturgeon.
Acheson, James Alexander.
Bobbett, Patrick Mary Joseph.
Power, Richard Wood.
Panter, Thomas Whelan.
Leahy, James Daly.
Davis, James Carlisle.
Ward, Anthony Divir.
Healy, Patrick Joseph.
Robinson, George Cyril Brereton.

SURGERY (B.CH.).

Smith, Edmund Cyril. } *Passed on High Marks.*
de Bruijn, Daniel.
Dowse, Richard Victor.
Leahy, James Daly.
Deane, Hector Charles Chatterton.
Smith, William Harden.
Stevenson, Margaretta Tate.
Daly, Dorothy Alice.
Herzenberg, Leo.
Chapman, Robert Sturgeon.
Levitt, Percival Israel.
Malherbe, Gideon Clement.
Healy, Patrick Joseph.
Parr, Charles William.
Acheson, James Alexander.
Brennan, John Carson.
Hilliard, Francis Maybury.
Burt, Alida Charlotte.
Campbell, Edward Gordon.
Horan, Mary.
Satchwell, Robert Henry.

MIDWIFERY (B.A.O.).

Ward, Anthony Divir.
Murray, Eric Richard.
Corbet, Robert Henry Joseph Mulhall.
Coolican, Michael Raphael.
Norris, Nannette. } *Passed on High Marks.*
Todd, Alfred Henry Norman.
Herzenberg, Leo.
Murphy, William Allen.
Dormer, Robert.
Thompson, John Douglas.
Warham, Thomas Gerald.
Burt, Alida Charlotte.
Chapman, Robert Sturgeon.
Dillon-Leetch, Rita.
Horgan, Eric Sealy.

DENTAL EXAMINATIONS.

PRELIMINARY SCIENTIFIC DENTAL EXAMINATION.

PHYSICS.

Liddy, Joseph Francis Frederick.

CHEMISTRY AND METALLURGY.

Wall, Thomas Raymond.

DENTAL ANATOMY.

Liddy, Joseph Francis Frederick.

INTERMEDIATE DENTAL EXAMINATION.

ANATOMY AND PHYSIOLOGY.

Tuke, John Henry Burland. | M'Keag, Robert Humphreys.

DIPLOMA IN PUBLIC HEALTH.

PART I.

CHEMISTRY; BACTERIOLOGY; PHYSICS; AND METEOROLOGY.

Kilbride, Thomas John.
Chapman, Thomas Paul.
Gordon, Thomas Donald.
Muller, Hilgard.

PART II.

SANITARY ENGINEERING; SANITARY INSPECTION AND REPORT; HYGIENE; EPIDEMIOLOGY; VITAL STATISTICS AND PUBLIC HEALTH LAW.

Kilbride, Thomas John.
Muller, Hilgard.
Chapman, Thomas Paul.
Gordon, Thomas Donald.
O'Halloran, Anna Mary Kathleen.

TRINITY TERM, 1921.

PRELIMINARY SCIENTIFIC EXAMINATION.

PHYSICS.

Wilson, Charles Herbert.
Egan, Aubrey Denis.
Tweedy, Richard Thomas Pilkington.
Nolan, Daniel.
Matthews, Frederick Duncan.
Cooper, Isobel Olga.

Ball, Kathleen Mary.
Brittain, Mabel Elizabeth.
Farrell, James Patrick.
Johnston, John.
Moss, Arthur Watson.
Pienaar, Barend Petrus.
Quigley, John.
Taylor, Wentworth William Arbuthnot.

CHEMISTRY.

MacDowell, Thomas Whitley.
Foster, Thomas Cartret.
Coleman, Philip.
Crawford, Thomas George Brown.
Wilde, John Frederick.
Trant, Hope.
Shapira, Nathan.
Sherowitz, Maurice.
M'Caldin, Charles Frederick Dermot.

Passed on High Marks.

Joubert, Gideon Jacobus.
M'Cauley, James Ewart.
Rankin, Grace Jessica.
Somerville-Large, William Collis
Gregory, Joseph Richard.
Walsh, Edmund Joseph.
Dick, James.
Maxwell, William George Smith.
Egan, Aubrey Denis.
Rudd, Eric Thomas Sutherland.
Boland, Charles Richard.
M'Intyre, William Percival Edwin.
Hanna, John Ridgway.
Cronin, Richard Thomas.
Livingston, Mary Cecilia.
Moss, Arthur Watson.
O'Sullivan-Beare, Donal Barry.
Pienaar, Barend Petrus.
Tomkin, Harris.

Armstrong, Henrietta.
Gurevich, Solomon.
Lowry, Gladys Mary Agnes.
M'Entire, Dorothy Alexandra.
Miller, George Arthur.
Quigley, John.
M'Causland, Charles Edward.
Waters, Harry.
Young, Augusta Maud.
Adams, Frances.
Ball, Kathleen Mary.
Pedlow, Margaret Ethel.
Chance, Oliver.
M'Alpine, Edward.
Maguire, William Henderson.
Patrick, John Brian.
Ferguson, Henry Arnot.
Miller, Mary Swan.
Weir, John Ross Hastings.
Craig, Gladys Lillian.
Johnston, John
Tweedy, Richard Thomas Pilkington.
Westropp, Hugh Thomas George.
Franklin, Robert Vincent.
Lee, Albert Edward.
O'Callaghan, Mary Louise.
Coen, William Henry.
M'Mahon, Wm. John Alexander.
North, Harold Stoney.
Porter, Rachel Elizabeth.
Simpson, Irwin Edward Paget.

PRELIMINARY SCIENTIFIC EXAMINATION—*contd.*

BOTANY AND ZOOLOGY.

Passed on High Marks.

M'Lean, Alexander Dewar.
MacDowell, Thomas Whitley.
Ross, Stella Christine.
Keown, Thomas James Whitney.
Gregory, Joseph Richard.
Magowan, William.
Wilde, John Frederick.
Shapira, Nathan.
Gallaugher, William.
Heatley, Seymour Frederick.
Keays, Richard George.
Walmsley, George Alexander.
M'Caldin, Charles Frederick Dermot.
Coleman, Philip.
Dick, James.
M'Intyre, William Percival Edwin.
Harte, Edward Henry.
Lowther, Nancy Newton.
Mackenzie, Derek St. Clair.
Roche, Henry Joseph.
Boland, Charles Richard.
Miller, George Arthur.
Allardyce, Ransome MacNamara.
Roantree, William Bernard.
Rankin, Grace Jessica.
Moore, Richard Malam.
Donaldson, Margaret Hazel.
Somerville-Large, William Collis.
Lawrenson, Gladys Frances Marian.
M'Cauley, James Ewart.
Craig, Gladys Lillian.
Sloan, Wolsey Cornwall.
MacCarthy-Morrogh, James Francis Keith.
Hayes, George Dowzer.
Osborne, William Henderson.
Satchwell, Ernest Edward.
Cosbie, Maurice Hastings.
Palmer, Philip Francis.
M'Cauley, Menzies Llewellyn.
M'Dowell, James Gillespie.
Chance, Oliver.
Tomkin, Harris.
Smyth, Donald Thomas.
Lowry, Gladys Mary Agnes.
Ellerker, Henry Graham.
Ratthaus, Isaac Fisher.
Taylor, Gerald Osbrey.
M'Donald, George.
Coen, William Henry.

INTERMEDIATE MEDICAL EXAMINATION.

Part I.

ANATOMY, PHYSIOLOGY, AND ORGANIC CHEMISTRY.

Passed on High Marks.

Purdy, Gordon.
Wilde, Otto Gruber.
Wallace, James Waldo.
Mooney, Alan Joseph.
Joly, Lucy Mary.
Pope, Richard Alexander Dennistoun.
Beatty, John Edge.
Gerrard, Maynard Atkinson.
Taylor, Wentworth Alexander.
Dennard, Leslie David.
Mounsey, John Milburn.
Dench, Reginald Arthur.
Smith, William Leslie Winslow.
Bradshaw, John Russell.
Warnock, Robert.
Proctor, Richard Louis Gibbon.
Brough, Lewis Cresswell.
Magowan, Samuel Edgar.
Murison, Kathleen Duffus.

INTERMEDIATE MEDICAL EXAMINATION—*contd.*

Thompson, John Knox Stafford.
Piel, Paul Douglas.
Eliason, Joseph Elias.
Lyons, Desmond Kenny.
Speedy, William Dinwoodie.
Isaacson, Henry.
Redmond, William Alexander.
Atkinson, John Noel.
Isaacson, Isaac Jack.
Armstrong, James Septimus.
O'Grady, James Joseph.
Steen, Robert Elsworth.
du Toit, Jan Andreas.
Laing, John Joseph.
Aykroyd, Wallace Ruddell.
Harte, Robert William.
Greeves, Norman Mellor.
M'Kenny, Howard St. George.
Whitsitt, Leslie Montgomery.
Crawford, John.
Disney, Marion Longridge.
Mooney, Evaline Elizabeth.
Sloan, Gerrard Andrew.
Fox, Maurice Digby.
Crawford, Angel Valentine Brown.
Garde, Godfrey Walter.
M'Farland, George Gibson.
Stokes, John Everard.
Thompson, Robert Gordon Ffolliott.
Bell, Louis MacSherry.
Wigoder, Simon.
Carson, Roy Knox.
du Plessis, Pieter Coetzee.
Robinson, Philip Bernard.
Dudgeon, Edward Caulfield.
Wigoder, Sylvia Beatrix.
M'Dermott, Samuel.

PHYSIOLOGY AND ORGANIC CHEMISTRY.

Levingston, John Learmonth.
M'Quillan, Cecil James. } *In completion.*
Freedman, Tobias. }

Part II.

APPLIED ANATOMY AND APPLIED PHYSIOLOGY.

Pope, Richard Alexander Dennistoun. } *Passed on High Marks.*
Mounsey, John Milburn.
Dench, Reginald Arthur.
Burke-Gaffney, Henry O'Donnell.
Gabbe, Siegfried Donald.
Smith, William Leslie Winslow.
Dockrell, Dorothy.
Renton, Harold.
Brangan, Eileen.
Duncan, William Linn.
Geffen, Samuel Michael.
Dale, Henry William Loftus.
Roseman, Hyman Solomon.
Crawford, Richard Ronald Dawson.
Hodgman, Jan Hendrik.
Boyd, Eileen Agnes.
M'Quillan, Cecil James.
Foster, Albert Victor.
Lawler, Bertha Harriett.
Harris, Louis.
Eksteen, Albertus Wijnand.
Schwartzberg, Maurice.
M'Elroy, Robert Samuel.
Ruben, Harry.
Freedman, Tobias.
Levitt, Jack Abraham.
Hill, Kathleen Edna.
Van Druten, Nicolaas Jan Valkenberg.
Wood, Albert Victor.
Jamison, Samuel Wallace.
M'Auliffe, Noel Goodisson.
M'Cormick, John Eric.
Lord-Flood, Christopher.
Powell, Gerard Alphonsus Aloysius.
Gilcriest, Norah Mary.
Smith, Isobel Gillespie.
Booth, Dorothy Jane.

INTERMEDIATE MEDICAL EXAMINATION—*contd.*

APPLIED PHYSIOLOGY (ONLY).

Hardy, Mary Enid (*in completion*).

APPLIED ANATOMY (ONLY).

Gordon, Jack Moir.

FINAL MEDICAL EXAMINATION.

Part I.

MATERIA MEDICA AND THERAPEUTICS; MEDICAL JURISPRUDENCE AND HYGIENE; PATHOLOGY AND BACTERIOLOGY.

Earl, John Cecil.
M'Kenna, James O'Neill.
Grobler, Paul Johannes.
Saunders, George Francis Thomas.
Whaley, William Frederick.
Micks, Robert Henry.
Jackson, Robert Tennant.
Louw, Matthÿs Petrus.
Milmo, Dermod Hubert Francis.
Wulfsohn, Max.
Vellema, Douwe Marinus.
Hegy, Reginald.
Wicht, John Ditton.
Viljoen, Mauritius Meiring.

Passed on High Marks.

Gallivan, Michael.
Coetzee, Louis Johannes.
Heyman, Lazarus.
Downing, Alice Mary Angela.
Stuart, John Henry James.
Moore, David Lucius Henry.
Rauch, Jan Hendrik.
Hill, Rupert Leo.
Smith, Frederick William Gordon.
Dixon, William Samuel.
Shortt, Cecil de Lisle.
Van Heyningen, Cecil Gerhardus Sophie.
Vivier, Barend.
Bernstein, Alexander.

PATHOLOGY AND BACTERIOLOGY (ONLY).

Russell, Samuel Wilfrid. | Hall, Herbert.

MATERIA MEDICA AND THERAPEUTICS (ONLY).

Perrott, Robert Nelson.

MATERIA MEDICA AND THERAPEUTICS; MEDICAL JURISPRUDENCE AND HYGIENE.

Harte, Joseph.

Part II.

MEDICINE.

Stevenson, Margaretta Tate.
Burt, Alida Charlotte.
Lawlor, Alice Elizabeth.
Phillips, Albert Edward.
Dowse, Richard Victor.
M'Ilrath, Constance.
Russell, Albert Victor John.
Devane, James.

Passed on High Marks.

Thompson, John Douglas.
Holland, Doris.
Baillie, Emily Elspeth Grace.
Brennan, John Carson.
Coolican, Michael Raphael.
Baker, Robert Ruckley.
Smith, William Harden.
Malherbe, Gideon Clement.
Semple, John Mervyn.

FINAL MEDICAL EXAMINATION—*contd.*

SURGERY (B.CH.).

Horgan, Eric Sealy. } *Passed on High Marks.*
Wigoder, Lionel.
Willock, Edith Florence.
Murray, Eric Richard.
Russell, Albert Victor John.
Fair, Olive Victoria.
Norris, Nannette.
Bradlaw, Albert Stanley.
Lawlor, Alice Elizabeth.
Bobbett, Patrick Mary Joseph.
Ward, Anthony Divir.
Semple, John Mervyn.
Coolican, Michael Raphael.
Davis, James Carlisle.

MIDWIFERY (B.A.O.).

Murphy, Cyril James Ussher.
Sacks, Izak George.
Dijkman, Cornelis Derksen.
Russell, Albert Victor John.
Holland, Doris.
} *Passed on High Marks.*
Irvine, Gilbert Marshall.
Cockle, Beryl Frances Emily.
de Bruijn, Theunis.
Hugo, Daniel.
Baillie, Emily Elspeth Grace.
Villet, Charles Theodore de Mornêt.
Wilson, Cecil Samuel.
Malone-Barrett, Francis.
Shortt, Cecil de Lisle.
Deane, Hector Charles Chatterton.
Hilliard, Francis Maybury.
Panter, Thomas Whelan.
Elion, Max.
Robinson, George Cyril Brereton.
Bouchier-Hayes, Margery.
Dickson, William Sydney.

DENTAL EXAMINATIONS.

PRELIMINARY SCIENTIFIC DENTAL EXAMINATION.

PHYSICS.

Joyce, Thomas Michael.

CHEMISTRY.

Mulhern, Maureen Claire. | Liddy, Joseph Francis Frederick

DENTAL ANATOMY.

Shaw, John Cecil Middleton.
Kerr, Olive Gwendolen.
Kieran, Edward Austin.
Mulhern, Maureen Claire.
Torrens, Robert George.
Joyce, Thomas Michael.

INTERMEDIATE DENTAL EXAMINATION.

ANATOMY AND PHYSIOLOGY.

Bailey, Frances Emily.

PHYSIOLOGY (ONLY).

Shaw, John Cecil Middleton. (*In completion.*)

DIPLOMA IN PUBLIC HEALTH.

PART I.

CHEMISTRY, BACTERIOLOGY, AND PATHOLOGY; PHYSICS AND METEOROLOGY.

M'Crea, Edward D'Arcy.
Pollard, Richard Payne.
Wright, Alan Glyn.
Pemberton, William Bernard Joseph.

SCHOOL OF ENGINEERING.

CLASS LISTS, MICHAELMAS TERM, 1920-1921.

Junior Class.

Addison, Albert.
Archer, Ernest Thomas James.
Barrett, Henry Baillie.
Beckett, Frank Edward.
Bell, Noel Gonne.
Beresford, Harold Douglas.
Blair-White, Cyril Walter.
Blake, Edgar Valentine Myles.
Bourne, Donald James.
Bowesman, Henry Noel.
Byrne, Thomas Brendan.
Classon, Eric Carter.
Craddock, Sydney.
Davis, James Seymour.
Davison, John Cecil.
Eccles, Gerrard Macklin.
Falkiner, Richard.
Falvey, Dermot Francis Judge.
Feely, John James.
Fitzgerald, Thomas Sinclair.
Fleming, Ian Torrens.
Gahan, Edward John Beresford.
Good, William.
Gray, Ian Bury.
Harte, Campbell Macpherson.
Heaslip, John Ganly.
Hutton, Wilfred Noel Maxwell.
Jackson, Cyril Lyndon.
Johnston, Thomas Ernest.
Keegan, Harold Vincent.
King, Charles Hume.
Leared, Donald Ivan.
Lindsay, Andrew Watson.
Lloyd, Owen Acheson.
Long, John Samuel.
M'Allister, Norman.
M'Carthy, Norman Roberts.
M'Clure, Charles Archibald.
MacLaughlin, David Mackey.
Middleton, Samuel Henry Windrum.
Moore, Geoffrey Arthur.
Moore, Thomas Ernest Ottiwell.
Nesbitt, Francis Albert Slade.
O'Connor, Dermot John.
O'Keeffe, Raymond Patrick.
O'Sullivan, William Bradley.
Palmer, Alfred Kingsmill.
Pettigrew, John Simpson.
Quinn, John Peter.
Randel, Charles Seymour Patrick.
Robinson, Arthur Herbert.
Shackleton, John Gailey.
Smyth, Herbert.
Sparrow, Robert Francis Garnett.
Stewart, Douglas Samuel.
Switzer, Ernest.
Walker, Cecil Raymond.
Walmsley, George Cecil.
Watson, John Lysander Albert.

Middle Class.

*Allen, William Arthur.
Anderson, Eric.
*Barrett, Reginald James.
*Best, James Cecil Corbet.
*Bird, Harold Theodore.
Bond, Francis Willoughby.
*Boyd, Samuel Reginald.
Bradshaw, Eric John.
Brunner, Basil Leonard.
*Buchanan, William Oliver.
Butler, Walter Anthony.
Campbell, David.
Casey, Leo.
Clarke, Harold Watson.
Cockle, Kenneth Bernard.
*Crampton, George Hugh Cecil.

*Allowed to proceed conditionally.

Middle Class—continued.

*Crofton, Patrick George.
Cunningham, Robert Alfred.
Dagg, Thomas William.
Dickie, Robert Kelso.
Diver, Walter Stewart.
Douglas, Hugh Lawson.
Elliott, James.
Ffolliott, Charles Henry.
Freeman, John William.
*Gamble, George Sidney.
Goode, John Evans.
*Griffin, Robert Leake.
Hamilton, Basil Long.
Harman, Samuel Thomas Sarsfield.
*Haskins, John Begley.
*Hayden, Denis Henry Gryffydd.
*Henderson, Alexander Victor Simpson.
*Huggett, Edward Dunston.
Hutton, Eric.
*Hutton, Geoffrey Frand.
Jenkins, Robert William.
Johnson, Lionel Stewart.
Keely, Rodney Edward.
*Knowles, Henry Forbes Lancelot.
*Little, Frederick.
M'Caughey, William.
Mair, Robert Wallace.
Manley, John Abraham.
*Marks, William Frederick Waters.
*Maunsell, Richard Lucius Dixie.
Medcalf, Norman Hall.
Medcalf, Sidney Haighton.
Millar, Richard Gerald.
*Molony, Hugh Francis.
Moran, Thomas Whitley.
Murdock, Frederick Victor.
Owens, Ruben Hirst.
Parker, Cyril Brian Denis.
*Pentony, Edward Joseph.
Phillips, John Skelton.
*Powell, Edward Hawkshaw.
*Prost, Arthur.
Rice, Bernard Alexander.
Sheehan, Bernard Geoffrey.
*Somerville-Large, Philip Townsend.
Speedy, James.
Strong, Charles Eric.
*Taylor, John.
Ternan, Alfred William Maunsell.
Trimble, Ailwyn Egerton Copeland.
*Wallis, Timothy Charles.
*Ward, Egerton John.
Waters, George Frederick.
*Watson, Robert Parker.
Williams, Richard Patrick.
Wynne, Charles Acton.

Senior Class.

Bolton, Reginald Rainsbury.
Booth, John James.
Burke, Robert Gascoyne.
Campbell, Harold Ernest.
Coursey, Edward Bartholomew.
Gibbons, Frank.
*Gilbert, Thomas Travers.
Gilmour, Oswald Wellington.
*Griffith, Benjamin Cobbe.
Harper, James.
Jones, Alexander Thomas.
*Kent, Richard Roberts.
Kirker, James Alastair.
Leonard, Thomas Richard.
Loveridge, Claude.
*Mackenzie, Rubin Scott.
M'William, William Nicholson.
*Methven, Colin Thomas.
*Minch, William.
Neligan, Maurice Victor.
O'Connor, Michael Anthony.
*O'Donel, William James.
*Plumer, Arthur Murray.
*Praia, Duarte.
*Reid, Charles John.
Ronan, Stephen George.
Sharkie, Joseph Henry Faussett.
Taylor, Edward.
Thompson, Ernest St. Clair.
Thrift, William Henry.
Villiers, Arthur William Crips.
Walker, Francis William.

*Allowed to proceed conditionally.

ENGINEERING DEGREE EXAMINATION.

Michaelmas Term, 1920.

Patton, John Henry Alexander.
Callaghan, Thomas Edmonds.
Wheatley, Richard Elliott Parke.
Tipping, Nathaniel Drew.
Fitzsimmons, William.
Mahony, James.
Hay, Robert Stevenson.
Oram, Frederick St. John.
Kavanagh, Desmond.
Sargent, Alma Kingsley.
Greer, Fergus Ussher Morris.
Kennedy, Alfred St. John.
Nunan, William Alexander.
Parker, Wilfrid Henry Theodore.
M'Cabe, Walter.
FitzGerald, Lombard.

Hilary Term, 1921 (*Special Examination*).

Taylor, Edward.

Trinity Term, 1921 (*Special Examination*).

M'William, William Nicholson.
Walker, Francis William.
Neligan, Maurice Victor.
Plumer, Arthur Murray.
Coursey, Edward Bartholomew.
Bolton, Reginald Rainsbury.
Thompson, Ernest St. Clair.
Kirker, James Alastair.
Villiers, Arthur Wm. Crips.
Bourke, Robert Gascoyne.

SCHOOL OF AGRICULTURE.

Edge Exhibitions.

Line, Conrad William, £4.
Wood, Thomas Edward Swanton, £2.

DIPLOMAS IN EDUCATION.

MICHAELMAS TERM, 1920.

PART II.

Hodges, Evelyn Charles.

HILARY TERM, 1921.

PART I.

Cole-Baker, Eileen Dorothy.
Fullerton, Aileen Norah.

TRINITY TERM, 1921.

PART I.

Passed with distinction.

Williamson, Wilhelmina.

Passed.

Bennett, Rebecca Mary.
Lavelle, Dorothy Frances Hope.
M'Meekin, Audrey Moyra.
Watson, Hester Adelaide.

DIPLOMAS IN ECONOMICS AND COMMERCIAL KNOWLEDGE.

TRINITY TERM, 1921.

Completed the Course for Diploma :—

Corr, Francis.
Costigan, Patrick Alphonsus.
Harkness, William Frederick Samuel.
Honan, Joseph.
King, Frederick Charles.
Ross, James William.
Whooley, John.

Degrees

CONFERRED AT THE COMMENCEMENTS HELD IN THE YEAR 1920–21.

Doctors in Divinity.

DECEMBER 18, 1920.

Day, Right Rev. John Godfrey FitzMaurice, Bishop of Ossory (*j. d.*).
Webster, Rev. Charles Alexander.

JUNE 30, 1921.

*Darragh, Rev. John Thomas.

Doctors in Laws.

DECEMBER 18, 1920.

*Delamer, Gerald FitzHerbert.

JUNE 30, 1921.

Falconer. Robert Alexander, K.C.M.G. (*h. c.*).
Hopkin-James, Rev. Lemuel John.

Doctors in Medicine.

FEBRUARY 8, 1921.

Bevis, Clotilda Bayne.
Lane, Thomas Joseph.
Lawder, Trevor Abbott.

APRIL 19, 1921.

Muller, Hilgard.

JUNE 30, 1921.

Bantry-White, Harry Ernest.
Blackham, Olive Gertrude.
Gill, Frederick.
Hayes, Edmund Duncan Tranchell.
*Mijnhardt, John Tobias.
Sandes, John Drummond.
*Walker, Victor George.

* In absentia.

Doctors in Science.

JUNE 30, 1921.

Borel, Emile (*h. c.*).
*Cotter, Gerald de Purcell.
Poole, John Hewitt Jellett (*s. c.*).

Doctors in Literature.

JUNE 30, 1921.

Orpen, Goddard Henry (*h. c.*).
Phillimore, John Swinnerton (*h. c.*).
Seymour, Rev. St. John Drelincourt.

Doctor in Music.

JUNE 30, 1921.

Reed, Leslie Henry Brett.

Bachelors in Divinity.

DECEMBER 18, 1920.

Day, Right Rev. John Godfrey FitzMaurice, Bishop of Ossory (*j. d.*).
Tyner, Rev. Richard.

FEBRUARY 8, 1921.

*Ryall, Rev. Charles Richard.

JUNE 30, 1921.

Gillespie, Rev. Henry Richard Butler.

Masters in Arts.

DECEMBER 18, 1920.

Bateman, Rev. Ernest Maunsell.
Brabazon, Kathleen Jane Major.
Butler, Annie Kathleen.
*Couser, Violet Mignon.
Day, Right Rev. John Godfrey FitzMaurice, Bishop of Ossory (*ad eundem Cantab.*).
*Delamer, Gerald FitzHerbert.
Green, Isaac.
Hazley, Rev. John Eldon.
Henchy, Dudley North.
Hughes, William James.
Judd, Raymond Vincent.
Le Brocquy, Albert Ange Louis.
Lunn, James Stewart.
*M'Culiagh, Sarah Elizabeth.
Moss, Rev. Claude Beaufort (*ad eundem Oxon.*).
*O'Malley, Rev. John James Evans.
O'Shaughnessy, Edith Marion.
Rennison, Rev. Eric David Robert.
Richardson, Leopold John Dixon (*s. c.*).
*Rogers, Rev. John Achilles.
Ruttle, Rev. Richard Noel.
*Ryall, Rev. Charles Richard.
Stedman, Douglas Cockrill.
Tate, Herbert.
Waugh, Rev. Richard Mortlock Lloyd.
West, Rev. James Richard.
Willis, Rev. Henry Percy.

* In absentia.

FEBRUARY 8, 1921.

Coulter, Francis Clements.
*de Pauley, Rev. William Cecil.
Hardy, Rev. Francis.
Lane, Thomas Joseph.
Lawder, Trevor Abbott.
Mitchell, Rev. Edward.
Murray, Rev. George Walton.
Shearman, Rev. Josiah Francis.
Small, James Alexander.

APRIL 19, 1921.

Baxter, James Sinclair (*s.c.*, *j.o.*).
Coleman, William George.
Elliott, Rev. Antony Blacker.
Littledale, Cyril Richard Evelyn
*Patterson, Rev. Walter.
Robinson, Rev. John Thomas.
Rudmose-Brown, Thomas Brown (*s. c.*, *j. o.*).
Savory, Douglas Lloyd (*ad eund. Oxon.*).
*Stewart, Elizabeth Jane.
Werner, Emil Alphonse (*s. c.*, *j. o.*).
Wilson, Thomas Henry (*s. c.*, *j. o.*).
Young, Sydney (*s. c.*, *j. o.*).

JUNE 30, 1921.

Bailey, Rev. Thomas Arthur.
Ball, Nigel Gresley (*s. c.*).
Boyd, Rev. George Thompson.
Butler, Rev. James Joseph.
Campbell, Rev. Edward Gordon.
Chambers, Frederick William.
Chestnutt, Rev. William.
Clarke, Rev. Henry Jessop St. John.
Cooke, Francis St. Leger Durdin.
Davies, Rev. Joseph Gwyn (*ad eund. Oxon.*).
Dormer, Percival Atkin.
Fitzpatrick, Richard William.
Harvey, Reuben Warden.
Kennedy, William James Rann (*ad eund. Cantab.*).
Kennedy, Rev. Henry Angus Victor.
Kingston, Rev. William.
Lamb, Henry.
Lee, Alfred Tennyson.
Macdonald, Margaret Esmé Le Clerc.
M'Neill, Neil.
Martin, William Robert.
Moore, Rev. William.
Morgan, Rev. James (*ad eund. Cantab.*).
Nelson, Rev. Walter.
Parr, Rev. William John.
Patton, John Henry Alexander.
Rowe, Charles Henry (*Socius*), (*s. c.*).
Smyth, Louis Bouvier (*s. c.*)
*Spiro, Charles.
Starkie, Walter Fitzwilliam (*s.c.*).
Strawbridge, Rev. Robert.
*Sugars, Robert Morrison.
*Watson, Rev. Samuel.
Wilson, Rev. Leslie.

Masters in Surgery.

DECEMBER 18, 1920.

*Halahan, Robert Edwin.

JUNE 30, 1921.

Taylor, Edward Henry (*h.c.*).

Master in Engineering.

JUNE 30, 1921.

Griffith, John William.

* In absentia.

Master in Dental Science.

DECEMBER 18, 1920.

Wigoder, Lionel.[1]

Bachelors in Laws.

DECEMBER 18, 1920.

Burt, Elinor Norah.
Glynn, Patrick.
Green, Isaac.
Hopkin-James, Rev. Lemuel John.
Johnston, Anne Elizabeth.
Logan, May.
Shaw, Rev. Christopher George.
Teegan, William O'Mahony.

FEBRUARY 8, 1921.

Douglas, Archibald Beck.

JUNE 30, 1921.

Brown, John Barry.
Davies, Rev. Joseph Gwyn.
Hurley, Gertrude Charlotte.
Ward, Basil Jordain.

Bachelors in Medicine, in Surgery, and in Obstetric Science.

DECEMBER 18, 1920.

Burns, Elsie Anna.
Crosbie, John Henry Breuell.
Deale, Eric William Swain.
Griffith, Nora.
Hill, Samuel Reginald.
Hofmeyr, Harold Osmond.
Jabkovitz, Philip.
Levy, Isaac.
Mack, Eric Stuart Ewing.
McQuade, Cecil Emrys.
Radloff, Theodore.
Shegog, Frederick William.
Waugh, John Richard.

FEBRUARY 8, 1921.

McBrien, Mervyn Edmund.

APRIL 19, 1921.

Acheson, James Alexander.
Browne, David John.
Cary, Thomas Falkland Litton.
Chapman, Robert Sturgeon.
Corbet, Robert Henry Joseph Mulhall.
*de Bruyn, Daniel.
Healy, Patrick Joseph.
Herzenberg, Leo.
Horan, Mary.
Latham, Donald Victor.
Leahy, James Daly.
Levitt, Percival Israel.
Power, Richard Wood.
*Pratt, Francis Young.
*Satchwell, Robert Henry.
Smith, Edmund Cyril (*B.Ch., s.c.*).
Smith, James Alexander.
Stopford, Elinor Dorothy.
*Taylor, James Benjamin (*antea Lic.*).

* In absentia.

JUNE 30, 1921.

Baillie, Emily Elspeth Grace.
Bobbett, Patrick Mary Joseph.
Brennan, John Carson.
Burt, Alida Charlotte.
Campbell, Rev. Edward Gordon.
Davis, James Carlisle.
Deane, Hector Charles Chatterton.
Dowse, Richard Victor.
Horgan, Eric Sealy.
Lawlor, Alice Elizabeth.
McIlrath, Constance.
Norris, Nannette.
Panter, Thomas Whelan.
Russell, Albert Victor John.
Semple, John Mervyn.
Stevenson, Margaretta Tate.
Ward, Anthony Divir.
Willock, Edith Florence.
Wilson, Cecil Samuel.

Bachelors in Engineering.

DECEMBER 18, 1920.

FitzGerald-Lombard, Roger Edward.
Greer, Fergus Ussher Morriss.
Kavanagh, Desmond M'Morrough.
Mahony, James Francis.
Nunan, William Alexander.
Patton, John Henry Alexander.
Tipping, Nathaniel Drew.
Trayer, Benjamin Langer.
Wheatley, Richard Elliott Parke.

FEBRUARY 8, 1921.

Kennedy, Alfred St. John.
Sargent, Alma Kingsley.
Taylor, Edward.

APRIL 19, 1921.

Fitzsimmons, William Moore.
M'Cabe, Walter.
Parker, Wilfred Henry Theodore.

JUNE 30, 1921.

Bolton, Reginald Rainsbury.
Bourke, Robert Gascoyne,
Coursey, Edward Bartholomew.
Hay, Robert Stevenson.
Kirker, James Alastair.
McWilliam, Wm. Nicholson.
Neligan, Maurice Victor.
Oram, Frederick St. John.
Plumer, Arthur Murray.
Thompson, Ernest St. Clair.
Villiers, William Arthur Crips.
Walker, Francis William.

Bachelor in Music.

JUNE 30, 1921.

Reed, Leslie Henry Brett (*ad eund Cantab.*).

Bachelors in Arts.

DECEMBER 18, 1920.

Senior Moderators.

Walsh, Cyril Edward (*sch.*).
Gibson, John Percival (*sch.*).
Ferguson, Robert Mervyn (*sch.*).
Kennedy-Skipton, George Stacy (*sch.*).
Morphy, Edith Armorel.
Bewglas, James Harper.
Norris, Crawford.
Bowers, Henry (*sch.*).
Copeland, Mary Edith (*sch.*).
Judge, Lucy Ruth (*sch.*).
Watson, Hester Adelaide (*sch.*).
Stevenson, Emily Helena.
Lavelle, Dorothy Frances Hope (*sch.*).
Lyster, Charlotte Cameron (*sch.*).
Finch, Ruby Violet (*sch.*).
Wilson, Dominick Patrick Sarsfield.
Johnston, Anne Elizabeth (*sch.*).
Smith, Philip Norbert.
North, Meta Evelyn (*sch.*).
Lane-Joynt, Olive.
Aykroyd, Phyllis.
Williamson, Wilhelmina.

Junior Moderators.

Cox, William Humphreys.
Robinson, William.
McMeekin, Audrey Moyra.
McGreevy, Thomas.
Logan, May.
Bridge, Allman Vizer.
Moore, Violet Mabel Knox.

Supplemental Senior Moderators.

Wilson, Maria Percy.
Green, Isaac.
Leventhal, Abraham Jacob.

Supplemental Junior Moderators.

Ruby, James Henry.
Bradshaw, Charlotte Mary.

Respondents.

Hamel-Smith, Lionel Frederick.
Sleith, Harley Lisle.

Pensioners.

Bourke, Robert Gascoyne.
Brownell, Thomas Charles.
Burt, Elinor Norah.
Callanan, William Edward.
Campbell, David.
Crawford, William.
D'Arcy, Francis Bertram.
Dawson, William James Eric.
Dillon-Leetch, Margaret.
Dowzer, Bertha.
Du Cros, Cyril.
Dijkman, Cornelis Derksen.
Easby, Frederick Thomas.
Fair, Olive Victoria.
Flavelle, Ruth Florence.
Goode, John Evans.
Greer, Fergus Ussher Morriss.
Hall, Herbert.
Hamilton, Basil Long.
Henry, Dorothy Isabel.
Hill, Rupert Leo.
Holmes, William Edward.
Joly, Henry Charles.
Kavanagh, Desmond M'Murrough.
Lang, Richard.
MacCarthy, Charles Thomas.
McCormick, John Eric.
McDonald, Elizabeth Mary (*sch.*).
Mein, Charles Benjamin.
Moran, Thomas Whitley.
Myers, Izidore Phineas.
Neligan, Maurice Victor.
Nelson, William John.
Norris, Nannette.
Nunan, William Alexander.
Odlum, Muriel Vere.
Perrott, Robert Nelson.
Phillips, John Skelton.
Pollitt, Alfred.
Power, Richard Wood.

Bachelors in Arts—continued.

Richardson, Cecil Arthur.
Ross, Harold Aemilius.
Saayman, Donald Harvey.
Thompson, John Douglas.
Tipping, Nathaniel Drew.
Trayer, Benjamin Langer.
Villet, Charles Theodore de Mornêt.
Walker, Francis William.
Walker, Henry James.
Warham, Thomas Gerald.
Whitby, John Montagu Ferdinand.
Williams, Norman Ernest Hamilton Powell.
Williams, Thomas Herbert.
Wray, Herbert Hans.

FEBRUARY 8, 1921.

Senior Moderator.

Bell, James (*sch.*).

Respondent.

Flynn, Norah.

Pensioners.

Brennan, John Carson.
Dale, John Francis.
Guise-Brown, Gerald Edward.
Hardy, Rev. Francis.
Kirker, Gilbert.
Knowles, Henry Forbes Lancelot.
Newell, Harriet Lyle.
Odlum, Gerald Edmund.
Sargent, Alma Kingsley.
Taylor, Edward.
Thompson, John Knox Stafford.
White, Warburton Edward.
Williams, James Valentine.
Worthington-Eyre, Hedges Eyre.

APRIL 19, 1921.

Pensioners.

Baker, Robert Ruckley.
Brady, Hugh Redmond.
Butler, Robert William.
Cairnduff, Euphemia.
Chapman, Robert Sturgeon.
Fitzsimmons, William Moore.
Hogan, William Thomas.
Johnson, Lionel Stewart.
Laing, John Joseph.
*Lloyd-Blood, Launcelot Ivan Neptune.
M'Cabe, Walter.
M'Carthy, Thomas Paul.
M'Phail, Gordon Stuart.
Murphy, Henry James Leopold.
Parker, Wilfrid Henry Theodore.
Powell, Mary Eveleen.
Robinson, George Cyril Brereton.
Soady, Francis Benney.
Steen, Alfred Wilson.
Stokes, Henry Alban.
*Taylor, James Benjamin.
Thompson, Ernest St. Clair.
Villiers, William Arthur Crips.
Ward, Antony Divir.
Westmore, Rev. William Nevitt.
Wilson, Crawford Lunham Law.

JUNE 30, 1921.

Senior Moderator.

Browne, Walter FitzGerald (*sch.*).

Respondents.

Seymour, Frederic Wilfred.
Ashbee, Henry Guido Neville.
Best, Francis Olphert.
Lee, Alfred Tennyson.

* In absentia.

Bachelors in Arts—continued.

Pensioners.

Blackall, George.
Brolly, James.
Burt, Alida Charlotte.
Callan, Thomas Raymond Tyrrell.
Carroll, John Vincent.
Charters, Robert James.
Coursey, Edward Bartholomew.
Crawford, Francis Charles Lindsay Brown Boyd.
Dickson, William Sidney.
Drotske, Allen Erasmus.
Duffey, Hugh.
Evans, Charles Leonard.
Gallivan, Michael.
Getty, John Boyd.
Gilcriest, John.
Gillespie, Joseph Cecil.
Griffiths, Richard Cecil Lewis.
Haigh, Ernest.
Hammond, Richard Frederick.
Harper, James.
Hay, Robert Stevenson.
Hirsch, Mary Rickards.
Hofman, Jacob.
Irvine, Gilbert Marshall.
Jones, Cecil Vernon Hope.
Kenny, George Gordon.
Kinghan, Robert William.
Krige, Hendrik Nicolas.
Kruger, Julius.
Landau, Ernest Myer.
Lawler, Robert Edward.
Leared, Donald Ivan.
Longmore, Thomasina.
M'Caldin, Cecil William Roberts
M'Clure, William James.
M'Entee, John Charles Joseph.
MacLaughlin, Mary Kathleen.
M'Mullan, David Hamilton.
M'William, William Nicholson (*sch.*).
Maguire, William Henderson.
*Maguire, Robert Augustine Joseph.
O'Connor, Joseph Michael.
O'Donel, William James.
Olphert, Mary Richmal.
Oram, Frederick St. John.
Phillips, Laurence.
Plumer, Arthur Murray.
Powell, Michael Gerard John.
Praia, Duarte.
Robinson, Victor.
Ronaldson, Jenny.
Ruben, Harry (*sch.*).
Russell, Samuel Wilfred.
Sayers, Max.
Scott, Samuel Russell.
Seale, Richard.
Smith, William Harden.
Smyth, Herbert.
Stazunsky, Leopold.
Todd, Alfred Henry Norman.
Vercueil, Leon Olivier.
Warner, Joseph Alfred.
Weldon, Samuel Gerald.
Westropp, Hugh Thomas George.
Wilson, Rev. Leslie.
Woodburn, Elizabeth.

Doctors in Music, not being Graduates in Arts.

JUNE 30, 1921.

Mackintosh, Alfred Alexander. | Stocks, Harold Carpenter Lumb.

Bachelors in Music, not being Graduates in Arts.

FEBRUARY 8, 1921.

Shaw, Julius Adolphus.

JUNE 30, 1921.

Lloyd, John.
Mackintosh, Alfred Alexander (*ad eund. Oxon.*).
Stocks, Harold Carpenter Lumb (*ad eund. Oxon.*).
Ward, Sydney Hansford.

Licentiate in Medicine, Surgery, and Obstetric Science.

JUNE 30, 1921.

Coolican, Michael Raphael.

*In absentia.

ONTINUATION OF THE LISTS GIVEN IN VOL. III, BEING A SPECIAL SUPPLEMENTAL VOLUME FOR 1912–3.

College Historical Society.

Auditors.

1913–4 Edwin Stephen Lemass, Mod., B.A.
1914–5 Thomas Douglas Murray Bartley.
1915–6 Isaac Roundtree, Mod., B.A.
1916–7 Isaac Roundtree, Mod., B.A.
1917–8 Isaac Roundtree, Mod., B.A.
1918–9 Theodore Conyngham Kingsmill Moore, Sch., Sen. Mod., B.A.
1919–20 Christopher John Lawrence Brock, B.A.
1920–21 Barry St. John Galvin, Sch., B.A., M.C.
1921–22 Ralph Brereton Barry.

University Philosophical Society.

Presidents.

1913–4 Robert Boyd, Sch.
1914–5 Bolton Charles Waller, Sch., Sen. Mod., B.A.
1915–6 Arthur Eustace Lockley West, Sch.
1916–7 Ernest William Greening, Mod., B.A.
1917–8 Leopold John Dixon Richardson, Sch., Sen. Mod., B.A.
1918–9 Charles Henry Rowe, Sch., Sen. Mod., B.A., Univ. Stud.
1919–20 James Carlisle Davis, Sch., Sen. Mod., B.A.
1920–21 Gordon Sylvester Bradshaw Mack, Sch.
1921–22 Douglas Lennox Hemmingway, B.A.

College Theological Society.

Auditors.

1913–4 William Townley Beckerson, Sch., Sen. Mod., B.A.
1914–5 Alexander Ogilvy Hardy.
1915–6 Rev. Arthur Gordon Hannon, B.A.
1916–7 William Cecil de Pauley, Sen. Mod., B.A.
1917–8 John Purser Shortt, Mod., B.A.
1918–9 Benjamin William Horan, B.A.
1919–20 Joseph Kildare Beattie, B.A.
1920–21 Rev. Abraham Hobson, Mod., B.A.
1921–22 Oliver Arthur Crawford Irwin, Sch., Sen. Mod., B.A.

Successful Candidates for the Civil Service of India, and the Home Civil Service (Class I.).

The following Gentlemen were at the time of appointment, or had previously been, Students at the University of Dublin:—

206	Maurice Harrington Fitz Gerald,	1912
207	Francis George McGibney,	1913
208	Herbert Ribton Meredith,	,,
209	Robert Boyd,	,,
210	Francis Verner Wylie,	1914
211	Richard Marsh Crofton,	,,
212	Henry Beatty,	,,
	[None.]	1915–1918
213	John Coote Donaldson,	1919
214	George Henry Cooke,	,,
215	Joseph Boyd Irwin,	,,
216	William M'Cormick Sharpe,	,,
217	David Barkley Woodburn,	,,

Other Services.

Oswald Eric Venables (Eastern Cadetship),	1914
Hamilton Beresford Barrett (Indian Forests),	1919
Maurice Frederick Bridge (Indian Forests),	,,
Charles Cameron Courtenay Oulton (Egyptian Civil Service),	,,
Harold Percy Whitton Davis (Indian Forests),	,,

JUNIOR AND SCHOOL EXHIBITIONERS AND KIDD SCHOLARS.

In the following lists the names are arranged in order of merit down to the last Junior Exhibitioner in each year, the first in each fourth year being a Kidd Scholar; but School Exhibitioners inserted after the last Junior Exhibitioner are not always next in order of merit. School Exhibitioners are distinguished by the mark ‡ placed after their names:—

1913.

Kidd Scholar—McLean, Alexander Dewar.	Foyle College, Londonderry.
Trimble, Noël Desmond,	Portora Royal School.
Mack, William Henry Bradshaw,‡	High School, Dublin.
North, George Cecil,	St. Andrew's College, Dublin.
Burns, Percival Fossy Tackaberry,	High School, Dublin.
Stevenson, Emily Helena,	The Academy, Ballymena.
Larkin, Alfred Sloane,	High School, Dublin.
Tate, Herbert,	Cork Grammar School.
Clarke, James William,	Mountjoy School, Dublin.
Woodburn, David Berkley,	Foyle College, Londonderry.
Green, Isaac,	Mountjoy School, Dublin.
Starkie, Walter Fitzwilliam,	Shrewsbury.
Donaldson, John Coote,	Felsted School, Essex.
King, Edward Joseph,	King's Hospital.
Cooke, George Henry,	Bishop Foy's School, Waterford.
Armstrong, Persis Maud,	Alexandra College, Dublin.
Frayne, John George,	Mountjoy School, Dublin.
Smyth, Ida Caroline,	Alexandra College, Dublin.
Greene, Godfrey Robert,‡	Tipperary Grammar School.

1914.

Bailey, Kenneth Claude,	St. Andrew's College, Dublin.
Doak, William Burton,	Wesley College, Dublin.
Beatty, John Edge,	St. Columba's College.
Browne, Walter FitzGerald,	St. Andrew's College, Dublin.
Satchwell, Ralph William, ‡	Galway Grammar School.
Carpenter, George Kingsford, ‡	High School, Dublin.
Hogg, William Frederick,	St. Andrew's College, Dublin.
Thompson, John Alexander,	Portora Royal School.
Dimond, Francis Robert,	Mountjoy School, Dublin.
Troughton, John Herbert Watson,	Mountjoy School, Dublin.
Dowd, Wilfred Romney Godfrey,	St. Columba's College.
M'Cann, Thomas Stanislaus,	Mt. St. Benedict's School, Gorey.
McWilliam, William Nicholson,	Campbell College, Belfast.
Ward, John Frederick,	Foyle College, Londonderry.
Nurock, Maurice,	High School, Dublin.

1914—*continued.*

Stevenson, Margaretta Tate,	Alexandra College, Dublin.
Clarke, Harold Watson,	Mountjoy School, Dublin.
Furlonger, Chas. Arth. Mackenzie	Private Tuition.
Murphy, Henry James Leopold, ‡	Grammar School, Drogheda.

1915.

Synge, John Lighton,	St. Andrew's College, Dublin.
Whitfield, Vivian,	Alexandra College, Dublin.
Irwin, Oliver Arthur Crawford,	Earlsfort House, Dublin.
Harvey, John Alan, ‡	Tipperary Grammar School.
McClenaghan, Herbert Eric St. George,	Armagh Royal School.
Armstrong, Anna Elizabeth,	Alexandra College, Dublin.
Gibson, Cyril Ernest,	Mountjoy School, Dublin.
Stevenson, Archibald M'Corkell,	Foyle College, Londonderry.
Horan, John Beattie,	Mountjoy School, Dublin.
Ford, Arthur Theodore Irvine,	King's Hospital, Dublin.
Walker, Francis William,	Academical Institution, Coleraine.
Donnelly, Donal Ivor,	Belvedere College.
Harrison, Desmond,	Mountjoy School, Dublin.
Owens, Reuben Hirst,	St. Andrew's College, Dublin.
Mein, Charles Benjamin,	St. Andrew's College, Dublin.
Small, Victor Francis,	St. Andrew's College, Dublin.
Walker, Maurice Cecil,	Glenalmond, Perth.
Foley, Albert Maurice, ‡	Tipperary Grammar School.
Mounsey, John Milburn, ‡	High School, Dublin.

1916.

Mack, Gordon Sylvester Bradshaw, ‡	The High School, Dublin.
Gibson, John Percival,	R. Academical Institution, Belfast.
Johnston, Anne Elizabeth,	Alexandra College, Dublin.
Laidlaw, William Allison,	Wesley College, Dublin.
Ferguson, Robert Mervyn,	Portora Royal School, Enniskillen.
Brunner, Basil Leonard,	Mountjoy School, Dublin.
Kennedy-Skipton, George Stacy,	Sherborne School, Dorset.
Lavelle, Dorothy Frances Hope,	Victoria College, Belfast.
Dixon, Patrick Kerr,	St. Andrew's College, Dublin.
Bell, James,	R. Academical Institution, Belfast.
Franklin, Frederick Robert,	Academical Institution, Coleraine.
Plumer, Arthur Murray,	Mountjoy School, Dublin.
Callaghan, Thomas Edmonds,	Avoca School, Blackrock.
Walsh, Cyril Edward,	Mountjoy School, Dublin.
Bowers, Henry,	Mountjoy School, Dublin.
Ruben, Hymen,	The Academy, Banbridge.
Watson, Hester Adelaide,	Alexandra College, Dublin.
Murphy, William Allen, ‡	Tipperary Grammar School.
Murphy, Cyril James Ussher, ‡	Drogheda Grammar School.

1917.

Kidd Scholar—Williams, Cecil. Alfred	St. Andrew's College, Dublin.
Tate, Jonathan, ...	Royal Academical Institution, Belfast.
Megarry, Thomas, . . .	Royal Academical Institution, Belfast.
North, Harold Stoney, . .	St. Andrew's College, Dublin.
Eliassoff, Charles Edward, . .	Wesley College, Dublin.
Whitfield, Lionel Digby, . .	Mountjoy School, Dublin.
Darlington, Arthur, . . .	St. Andrew's College, Dublin.
Jackson, Robert Tennant, . .	King's Hospital, Dublin.
Williams, Ernest Hillas, . .	Mountjoy School, Dublin.
Steele, Robert William, . .	Foyle College, Londonderry.
Woods, John Lowe, . . .	Shrewsbury School.
Rainsford, Angel, . . .	Alexandra College, Dublin.
M'Crea, Wm. Baker Edward,‡ .	High School, Dublin.
Walton, Robert Gabbett Dundonald,‡	Grammar School, Tipperary.
Thrift, William Henry, . .	High School, Dublin.
Falkiner, Ninian M'Intire, . .	St. Stephen's Green School, Dublin.
Park, Mary Florence, . .	Victoria High School, Londonderry.
Boyd, Patrick Gardner, . .	Foyle College, Londonderry.
Morris, John Vincent, . .	Waterpark College, Waterford.
Murdock, Frederick Victor,‡ .	Grammar School, Drogheda.

1918.

Holmes, William, . . .	Portora Royal School, Enniskillen.
Ffrench, Georgina Noelle Mary, .	French School, Bray.
Brooks, Lilian May, . . .	Alexandra College, Dublin.
Cunningham, Robert Alfred, .	St. Andrew's College, Dublin.
Williams, Ernest Hillas, . .	Mountjoy School, Dublin.
Orr, Edith Kathleen, . .	Alexandra College, Dublin.
Tomlinson, Sara Eveline, . .	Victoria College, Belfast.
Downer, Eric Christopher, . .	Methodist College, Belfast.
Scales, Eric Wilfred, ‡ . .	High School, Dublin.
Downer, James Henry, . .	Mountjoy School, Dublin.
Beare, William, . . .	Grammar School, Cork.
Steen, Frances Evelyn, . .	Alexandra College, Dublin.
Micks, Edward Christopher, . .	St. Stephen's Green School, Dublin.
Clayton, Muriel, . . .	Victoria College, Belfast.
Ellis, Alexander Reuben, ‡ .	High School, Dublin.
Gilbert, Thomas Travers, . .	Mountjoy School, Dublin.
Heaslip, John Ganly, . . .	King's Hospital, Dublin.

1919.

Hornsby, Hazel Marie, . .	Alexandra College, Dublin.
Duncan, George Alexander, . .	Campbell College, Belfast.
Shapira, Nathan,‡ . . .	High School, Dublin.

1919—*continued.*

North, Athol Erling,	St. Andrew's College, Dublin.
FitzGibbon, Gerald,	Cheltenham College.
Byron, Francis Thomas,	Kilkenny College, Kilkenny.
Bayne, Alexander Wallace,	Portora Royal School, Enniskillen.
Neligan, John Bourke,	King's Hospital.
Thompson, Hugh Richard,	Clarinda Park School, Kingstown.
Young, Robert Marcus,	Mountjoy School, Dublin.
Reid, Thomas Bertram Wallace,	Royal School, Armagh.
Smyllie, Alexander Walker Grahame,	Mountjoy School, Dublin.
Speedy, James,	St. Andrew's College, Dublin.
Gordon, Alice,	Victoria High School, Kingstown.
Troughton, Arthur Stanley,	Mountjoy School, Dublin.
Anderson, Eric Lytton,	St. Andrew's College, Dublin.
Crampton, William Edward,	Mountjoy School, Dublin.

1920.

Leebody, John Welsh,	Royal School, Dungannon.
Coleman, Philip,‡	High School, Dublin.
Baxter, William Smyth,	Foyle College, Londonderry.
M'Guire, Robert Ely,	High School, Dublin.
Troughton, John Frederick George,	St. Andrew's College, Dublin.
Ardagh, Eileen Ambrose,	Alexandra College, Dublin.
Watson, David M'Cloy,	St. Andrew's College, Dublin.
Wellwood, James Wesley,‡	The Abbey, Tipperary.
Miller, George Arthur,	Mountjoy School, Dublin.
Freer, Leslie Gordon Potterton,	Foyle College, Londonderry.
Halliday, Joseph Campbell,	Mountjoy School, Dublin.
Hadden, Robert Evans,	Campbell College, Belfast.
Erritt, William Albert,	Mountjoy School, Dublin.
Wilde, John Frederick,	Mountjoy School, Dublin.
Baker, Hugh Cuthbert	Campbell College, Belfast.
Langtry, Herbert James,	Foyle College, Londonderry.
Griffin, Gerald Charles Leake,	Blackrock College,
Hodgins, James Thomas,	Mountjoy School, Dublin.

SENIOR EXHIBITIONERS.

1913.

Martin, Denys Richard.	Anderson, John Thomas.
Moran, Francis.	Dowling, Thomas Michael.
Brownell, Reginald Samuel.	Brunton, Charles Eason.
Funston, Margaret Florence.	Johnston, Wilfred.
Johnson, Marjorie Violet.	Hardy, Jessie.
Price, Ivon Kinahan.	Bridge, Maurice Frederick.
Fitzgerald, Geraldine.	Smyly, Phyllis Claudia.
Glen, James Alexander.	Monroe, Olive Mary.

1914.

Hughes, Kathleen Harriet.
Synge, Victor Millington.
Horan, Benjamin William.
Thornton, Harold Victor.
Spence, David Sheridan.
Beaumont, John Nelson.
Moore, Eva Elizabeth.
Anderson, Marguerite.
Campling, Nora.
O'Grady, James Joseph.
Smith, William Leslie.
Owens, Percival Hirst.
Hobson, Abraham.
Hughes, William James.
Coursey, Edward Bartholomew.
Wilson, Daisy.

1915

North, George Cecil.
Hall, Margaret Anderson.
Woodburn, David Barkley.
MacDonald, Margaret Esme Le Clere.
Madden, John Eusebius
Smyth, Ida Caroline.
Armstrong, Persis Maud.
Stevenson, Emily Helena.
Butler, Annie Kathleen.
M'Ilroy, Mary French.
Humphreys, Margaret Crawford.
Harding, Mabel Caroline.
Buchanan, William Oliver.
Russell, William James Alexander.
Deane, Joseph Eugene.
Boyce, Alfred William.

1916.

Stevenson, Margaretta Tate.
Daly, Dorothy Alice.
Barrington, Margaret Louise.
Lawlor, Alice Elizabeth.
Cherry, Maud Henrietta.

Woodburn, Sara Mary.
Eyre, Cecil George.

1917.

Gibson, Cyril Ernest.
Noble, Elizabeth.
Thompson, George.
Cole-Baker, Eileen Dorothy.
Donnelly, Donal Ivor.
Burnside, Evelyn Margaret Georgina Evans.
M'Caughey, James.
Glasgow, Benjamin George Little.
Ruben, Harry.
Giltrap, Rupert Henry.
Barclay, George Harold.
Robinson, Thomas Henry.
Mahony, James Francis.
Clotworthy, Anna Maria.
Orr, Annie Gwendoline Holmes.
Osborne, Dorothy Winifred.

1918.

Kennedy-Skipton, George Stacy.
Williamson, Wilhelmina.
Bowers, Henry.
Ruben, Hymen.
Watson, Hester Adelaide.
Lavelle, Dorothy Frances Hope.
Judge, Lucy Ruth.
Copeland, Mary Edith.
Finch, Ruby Violet.
Wilson, Dominick Patrick Sarsfield.
Aykroyd, Phyllis.
Lyndsay, David Victor.
Wood, Olive Janie.

1919.

Wilson, Mabel Kathleen Annie.
MacDermott, Hilda.
North, Harold Stoney.
Jackson, Robert Tennant.
Anderson, Ivy Geraldine.
Armstrong, Anna Elizabeth.
Callaghan, Thomas Edmonds.
Lyons, Robert Biggart.
Stokes, Isabel Barbara Susan.
Leslie, Kathleen Margaret Bulfin.
Whitfield, Lionel David.
Moorhead, Robert James.
Maginess, Brian.
Park, Mary Florence.
Harman, Samuel Thomas Sarsfield.
Nimmons, Joseph.

1920.

Leslie, Mary Isabel.
Leahy, Kathleen Elizabeth.
Brooks, Lilian May.
Williams, Ernest Hillas.
Johnston, Eliza Brown Watt.
Gillespie, Irene.
Steen, Frances Evelyn.
MacDonogh, Ethel Mary Noel.
Gelston, Ellen Mona.
Micks, Edward Christopher.
Thrift, Dorothy Maude.
Johnson, Victoria Maud Mary.
Hopkins, William Joseph.
Houston, James.
Simpson, Kathleen.
Wilson, Robert Noble Denison.

PRIZEMEN AT THE DEGREE EXAMINATION.

Students.

(*The first name in any year is that of the Mathematical Student, the second that of the Classical Student.*)

1913 Webster, Margaret Agnes.
Wylie, Francis Verner.
1914 Collins, Maurice.
Mullan, Charles Seymour.
1915 [None.]
Murock, Max.
1916 [None.]
Richardson, Leopold John Dixon.
1917 Rowe, Charles Henry.
Micks, Robert Henry.
1918 Broderick, Timothy Stanislaus.
Doak, William Burton.
1919 Synge, John Lighton.
Whitfield, Vivian.
1920 Walsh, Cyril Edward.
Gibson, John Percival.

Brooke Prizemen.

Mathematics.	*Classics.*
1913 [None.]	1913 Beatty, Henry.
1914 Anderson, Janie.	1914 Spurgeon, Thomas Harold.
1915 [None.]	1915 Kyle, John Andrew.
1916 [None.]	1916 Davis, James Carlisle.
1917 Tate, Herbert.	1917 Starkie, Walter Fitzwilliam
1918 [None.]	1918 [None.]
1919 Beatty, John Edge.	1919 Irwin, Oliver Arthur Crawford.
1920 Bell, James.	1920 Ferguson, Robert Mervyn.

Moderatorship Prizemen.

1913.

Beatty, Henry, ...	£20	Greeves, Mary Florence, ..	£15
McGibney, Francis George, ..	30	Gibson, Joseph Hugh, ..	15
McCormick, Georgina, ..	30	Dickey, Robert Steen, ..	15
Renton, Janie Karolin, ..	40	McSwiney, Eugene John, ..	15
Mason, Thomas Godfrey ..	30	Hume, Walter Oakman, ..	15
Meagher, James Francis, ..	20	Crofton, Richard Marsh, ..	10
Linton, Kathleen Mary, ..	20	Seymour, William Herbert, ..	10
Dillon, William Ambrose, ..	20	Purcell, Herbert Kevin, ..	10
Douglas, Arthur Henry, ..	20	Patton, Elsie Rankin, ..	10
Culverwell, Anne Beatrice ..	20		
Davies, Emlyn Berkely ..	15		£380

1914.

Anderson, Jeanie, ...	£10	Hardy, Alexander Ogilvy, ..	£15
Baile, George Cecil Frederick,	30	de Pauley, William Cecil, ..	15
Ball, Nigel Gresley, ..	30	Foster, Thomas Cartret, ..	15
Kyle, David Logan, ..	30	Lindsay, Mary Florence, ..	15
Duncan, Lilian, ...	25	Khan, Shafaat Ahmad, ..	15
Waller, Dorothea Catherine,	20	Owen, Florence May, ..	15
Lewis, Iva Gwendoline, ..	20	McDermott, Samuel, ..	10
McIlroy, Rita, ...	20	McCrea, Thomas, ...	10
Pearsall, Richard Montague Stack, ...	20	Kilroe, Elizabeth Sarah, ..	10
Glenn, Cecil William, ..	20		£345

1915.

Kyle, John Andrew, ..	£50	Flewett, Henry Walter, ..	£10
Johnston, Wilfrid, ...	50	Brunton, Charles Eason, ..	10
West, Arthur Eustace Lockley,	40	Froude, Edward, ...	10
Farrington, Benjamin, ..	35	Monroe, Olive Mary, ..	10
Poole, John Hewitt Jellett,	25	Hardy, Jessie, ...	10
Magowan, John Hall, ..	25	Hamill, John Bernard, ..	10
Glen, James Alexander, ..	20	Moran, Frances, ...	10
Fearon, William Robert, ..	20	Ray, Winifred, ...	10
Johnson, Marjorie Violet, ..	15	Davids, Ethel Isabella Gore,	10
Fitzgerald, Geraldine, ..	15		
Funston, Margaret Florence Wilhelmina, ...	10		£395

1916.

Hughes, Kathleen Harriett,	£20	Kyle, Frances Christian, ..	£10
M'Crea, Edward D'Arcy, ..	20	Stewart, Rebecca M'Causland,	10
Moore, Theodore Conyngham Kingsmill, ...	20	Gibson, Gladys Aimée Naomi,	10
Anderson, Marguerite, ..	15	Price, Mona Steele, ..	10
Moore, Eva Elizabeth, ..	10	Purefoy, Wilfred Angel Mary,	10
Barlas, Alexander Richard,	10	Beaumont, John Nelson, ..	10
Wilson, Herbert Vaughan,	10		£165

1917.

Starkie, Walter Fitzwilliam, £10
Tate, Herbert, ... 10
O'Connor, Dorothy Georgina Noel, ... 20
Macdonald, Margaret Esmé Le Clere, ... 10
Noble, Emily Mary, .. 10
Sibthorpe, Marjorie Frances, 10
Gahan, Mary Kathleen Grania, £10
Armstrong, Persis Maud Moore, ... 10
Morphy, Kathleen Mary, .. 10
M'Ilroy, Mary French, .. 10
Harding, Mabel Caroline, .. 10
Smyth, Ida Caroline, .. 10

£130

1918.

Carpenter, George Kingsford, £20
Cherry, Maud Henrietta, .. 20
Patton, Francis Petticrew, .. 20
Morrow, Ian Fitzherbert Despard, ... 10
Rawlins, Winifred Alice, .. 10
Hogg, Amy, ... £10
Magowan, Jane Elizabeth, 10
Barrington, Margaret Louise, 10
Flood, Maggie Greer, .. 10

£120

1919.

Mack, William Henry Bradshaw, ... £40
Robinson, Thomas Henry, .. 20
Purefoy, Thomas Amyrald Wray, ... 20
West, William George, .. 10
Davis, Harold Percy Whitton, 10
Donaldson, John Coote, .. 10
MacLarnon, James Ernest, .. 10
Bateman, John Victor, .. 10
Gibson, Cyril Ernest, .. £10
Noble, Elizabeth, ... 10
M'Kinney, Laura, ... 10
Woodburn, Sara Mary, .. 10
Wilson, Aileen Dorothy Mary, 10
Osborne, Dorothy, ... 10
Cole-Baker, Eileen Dorothy, 10
Giltrap, Rupert Henry, .. 10

£210

1920.

Ferguson, Robert Mervyn, .. £15
Kennedy-Skipton, George Stacy, ... 40
North, Meta Evelyn, .. 20
Browne, Walter Fitzgerald, 10
Morphy, Edith Armorel, .. 10
Bewglas, James Harper, .. 10
Bowers, Henry, ... 10
Copeland, Mary Edith, .. 10
Judge, Lucy Ruth, ... 10
Watson, Hester Adelaide, .. 10
Stevenson, Emily Helena, .. 10
Lavelle, Dorothy Frances Hope, ... £10
Lyster, Charlotte Cameron, 10
Finch, Ruby Violet, .. 10
Lane-Joynt, Olive, ... 10
Aykroyd, Phyllis, ... 10
Williamson, Wilhelmina, .. 10
Johnston, Anne Elizabeth, 10
Smith, Philip Norbert, .. 10

£235

King Edward Prizemen.

1913 Anderson, Eleanor James.
1914 Murray, Menzies.
1915 Carpenter, Thomas Lionel.
1916 Synge, Victor Millington.
1917 Couser, Violet Mignon.
1918 M'Kee, Harry.
1919 Glynn, Patrick.
1920 Hamel-Smith, Lionel Frederick.

FELLOWSHIP PRIZEMEN.

(The first in each year, except 1920 and 1921, obtained THE MADDEN PRIZE.)

1913 James Maxwell Henry.
Henry Mannington Wilkins Burd.
Claude Blakeley Armstrong.
1914 Henry Mannington Wilkins Burd.
Francis La Touche Godfrey.
Claude Blakeley Armstrong.
Maurice Arthur Charles Wilkins.
Wilfrid Walker Grundy.
1915 Henry Mannington Wilkins Burd.
Maurice Arthur Charles Wilkins.

1920 Edward Lindsay Ince.
Timothy Stanislaus Broderick.
John Lighton Synge.
1921 John Hewitt Jellett Poole.

PRIZEMEN IN SUBJECTS CONNECTED WITH THE STUDY OF DIVINITY.

WALL BIBLICAL SCHOLARS.

1913 Edwards, James.
1914 Smyth, John Hawkins.
1915 Horan, Benjamin William.
1916 Buchanan, William Oliver.
1917 Bateman, John Victor.
1918–1919 [None.]
1920 Tomkin, Harris.
1921 Dowse, Richard Henry.

ELRINGTON THEOLOGICAL SUBJECTS AND PRIZEMEN.

1913.

The Eschatology of the Gospels in relation to our Lord's Teaching and Mission.

Willis, William Ireland.

Extra Prize.

Duggan, Charles Cook Whittaker.

1914.

The conflict in the past and present between Islam and Christianity in North Africa.

Duggan, George Chester.

1915.

The bearing of Assyriological and Egyptological research upon the trustworthiness, in details, of the Biblical records of the Kings of Israel and Judah.

Spurgeon, Thomas Harold [in part].
Hobson, John [in part].

1916.

The primitive conceptions of sacrifice, as expressed in Judaism and in other non-Christian systems of religion.

Harvey, William Nesbitt Wilson.

1917.

The influence of the Jewish eschatological literature upon the New Testament.

[None.]

1918.

The history, diffusion, and influence of Monachism in the Eastern Church.

Bonynge, Frank.

1919.

International relationships in the light of Christianity.

Campbell, Ernest Henry FitzGerald.

Extra Prize.

Shortt, Charles de Vere.

1920.

Symbolism, Hebrew and Jewish.

[None.]

PRIZEMEN IN MATHEMATICS.

Lloyd Exhibitioners.

1913 Anderson, Jeanie.
1914 { Coulin, Bernard Francis. / West, Arthur Eustace Lockley.
1915 West, James Stafford.
1916 Rowe, Charles Henry.
1917 Broderick, Timothy Stanislaus.
1918 Synge, John Lighton.
1919 Walsh, Cyril Ernest.
1920 Rainsford, Angel.

Bishop Law's Prizemen.

1913 [None.]
1914 [None.]
1915 [None.]
1916 [None.]
1917 [None.]
1918 [None.]
1919 [None.]
1920 [None.]

M'Cullagh Prizemen.

1913 [None.]
1914 [None.]
1915 [None.]
1916 Rowe, Charles Henry.
1917 Broderick, Timothy Stanislaus.
1918 [None.]
1919 Synge, John Lighton.
1920 [None.]
1921 [None.]

Subjects for the M'Cullagh Prize.

1913–1918 Gamma Functions, and Functions of Laplace, Lamé, and Bessel, with Physical Applications.

1919–1921. Hydrodynamics.

Michael Roberts Prizemen.

1913 West, Arthur Eustace Lockley.
1914 West, James Stafford.
1915 Rowe, Charles Henry.
1916 Beatty, John Edge.
1917 Synge, John Lighton.
1918 Walsh, Cyril Edward.
1919 Williams, Alfred Cecil.
1920 Williams, Ernest Hillas.

Townsend Memorial Prizemen.

1913 West, James Stafford.
1914 Russell, William James.
1915 Beatty, John Edge.
1916 Synge, John Lighton.
1917 Plumer, Arthur Murray.
1918 Williams, Alfred Cecil.
1919 Williams, Ernest Hillas.
1920 North, Athol Erling.

PRIZEMEN IN CLASSICS.

Berkeley Medallists.

1913 Nurock, Max.
Mullan, Charles Seymour.
1914 Kyle, John Andrew.
Purefoy, Thomas Amyrald Wray.
1915 Farrington, Benjamin.
Richardson, Leopold John Dixon.
1916 Mack, William Henry Bradshaw.
Micks, Robert Henry.
1917 [None.]
1918 Doak, William Burton.
[None.]
1919 [None.]
1920 Ferguson, Robert Mervyn.
Bailey, Kenneth Claude.
1921 Megarry, Thomas.
[None.]

Subjects for the Berkeley Medal Examination.

1913 Aristotle: *Rhetoric* and *Poetic*: and [Longinus] περὶ Ὕψους.
1914 The Argonautica of Apollonius Rhodius, with the poem of the same name in the Orphica.
1915 The Orations of Isocrates.
1916 Aeschylus (including the Fragments).
1917 Demosthenes.
1918 Lucian.
1919 Demosthenes.
1920 The Iliad of Homer.
1921 Bucolici Graeci (Oxford Text).

Vice-Chancellor's Latin Medallists.

1913 Nurock, Max.
Kyle, John Andrew.
1914 Purefoy, Thomas Amyrald Wray.
Richardson, Leopold John Dixon.
1915 Mack, William Henry Bradshaw.
Micks, Robert Henry.
1916 [None.]
1917 Doak, William Burton.
Irwin, Oliver Arthur Crawford.
1918 [None.]
1919 Bailey, Kenneth Claude.
Laidlaw, William Allison.
1920 Ferguson, Robert Mervyn.

Subjects for the Vice-Chancellor's Latin Medal Examination.

1913 Virgil (Bucolics, Georgics, and Æneid).
1914 Epistulae and Panegyricus of C. Plinius Caecilius Secundus.
1915 Lucan's Pharsalia.
1916 Plautus.
1917 Caesar, Libri VII De Bello Gallico cum A. Hirti supplemento; Libri III De Bello Civili cum Libris incertorum Auctorum De Bello Alexandrino, Africo, Hispaniensi (as contained in the Oxford Text).
1918 Plautus.
1919, 1920 Cicero, Epistulae ad Familiares.

Vice-Chancellor's Prizemen in Composition.

1913.

English Verse.—"Tintagel."

Doak, Houston Larmour.
Smyth, Edith Charlotte.

English Prose.—"English Allegory — Mediæval, Renaissance, Puritan."

Burd, Henry Mannington
Wilkins.

Latin Verse.—"Marius."

Nurock, Max.

Greek or Latin Prose.—"The Rôle of Imaginative Fiction in Greek or Roman as compared with Modern Literature."

[None.]

1914.

English Verse.—"The Church of Santa Sofia at Constantinople."

Roche, Stephen Anselm.

English Prose. — "Literary Dictators and their influence on letters."

[None.]

Latin Verse.—"The fate of Captain Scott and his Comrades."

Kyle, John Andrew.

Greek and Latin Prose.—"Imperialism."

[None.]

1915.

English Verse.—"The death of Brian Boru" (900th anniversary, 1914).

White, Herbert Martin Oliver.

English Prose. — "Ireland's contribution to present-day literature and drama."

White, Herbert Martin Oliver.

Latin Verse.—"Erin."

Nurock, Max.
Doak, Houston Larmour.

Greek Prose. — "The Indian Mutiny."

Richardson, Leopold John
Dixon.

1916.

English Verse.—"The Hellespont."

Moore, Theodore Conyngham
Kingsmill.

English Prose.—"American contributions to, and influence upon literature and learning."

White, Herbert Martin Oliver.

Greek or Latin Prose.—"The Ironies of Civilization" (a Greek or Latin Dialogue in the style of Plato or Cicero).

[None.]

Greek or Latin Verse.—"Thermopylæ."

Greek Verse.—
Richardson, Leopold John
Dixon.

Latin Verse.—
Doak, William Burton.

1917.

English Verse.—"The retreat at Mons."

Fearon, William Robert.

English Prose.—"Lines of advance of the more recent criticism of Shakespeare" (Shakespeare Tercentenary, 1916).

[None.]

Greek or Latin Prose.—"The Olympic Games and their influence on Greece."

[None.]

Latin Verse.—War.

Doak, William Burton.

1918.

English Verse.—"The effects produced upon Literature by great wars."

[None.]

English Prose.—"Orange and Green."

[None.]

Greek Prose.—"A dialogue on Might is Right."

Doak, William Burton.

Latin Verse.—"'Tis Greece, but living Greece no more."

Richardson, Leopold John Dixon.

1919.

English Verse.—"America."

[None.]

English Prose:—"Future social reconstruction considered in relation to the thought of bygone poets and idealists."

[None.]

Greek or Latin Prose.—"Greek and Roman Education."

[None.]

Greek or Latin Verse.—"The Isles of Greece."

[None.]

1920.

English Verse.—"The Nike of Samothrace."

Tate, Jonathan.

English Prose.—"The League of Nations."

Leslie, Mary Isabel.

Greek or Latin Prose.—"Slave labour in ancient times, and its economic and moral effects."

[None.]

Greek or Latin Verse.—"The Rhine."

[None.]

1921.

English Verse.—"The Childhood of Jeanne D'Arc."

Tate, Jonathan.

English Prose.—"The Prospects of British Drama."

Aykroyd, Wallace Ruddell.

Latin Verse,—"Delphi."

Browne, Walter FitzGerald.
Beare, William.

Greek or Latin Prose.—"The position of Women in Greek and Roman Society."

[None.]

Ferrar Memorial Prizemen.

1913 Nurock, Max.
1914 Ellis, Charles.
1915 Richardson, Leopold John Dixon.
1916 Deane, Elizabeth.
1917 Micks, Robert Henry.
1918 { Irwin, Oliver Arthur Crawford. / Whitfield, Vivian.
1919 Ferguson, Robert Mervyn.
1920 Kennedy-Skipton, George Stacy.
1921 Beare, William.

Tyrrell Memorial Prizemen.

1914 Richardson, Leopold John Dixon.
1916 [None.]
1918 Doak, William Burton.
1920 [None.]

William Roberts Prizemen.

1913 Nurock, Max.
1914 Richardson, Leopold John Dixon.
1915 Mack, William Henry Bradshaw.
1916 Doak, William Burton.
1917 Whitfield, Vivian.
1918 Ferguson, Robert Mervyn.
1919 Bailey, Kenneth Claude.
1920 French, Georgina Noelie Mary.

Mullins Classical Prizemen.

1913 [None.]
1916 [None.]
1919 [None.]

PRIZEMEN IN MENTAL AND MORAL PHILOSOPHY.

Wray Prizemen.

1913 { Beatty, Henry. / Gibson, Joseph Hugh Rush.
1914 Foster, Thomas Cartret.
Mullan, Charles Seymour. (*Proxime Accessit.*)
1915 Nurock, Max.
1916 Moore, Eva Elizabeth.
1917 Rowe, Charles Henry.
1918 Coolican, Ethel Mary.
1919 Robinson, Thomas Henry.
Thompson, George.
1920 Gibson, John Percival.
1921 Megarry, Thomas.

Special Work appointed for the Wray Prize.

1913, 1914, 1915 Bergson's "Creative Evolution."
1916 Green's "Prolegomena to Ethics," Books iii and iv.
1917 Bergson's "Matter and Memory."
1918, 1919 M'Dougall's "Body and Mind" (3rd ed., 1915).
1920 Rashdall's "Theory of Good and Evil."
1921 Driesch, "The Science and Philosophy of the Organism," Section B (Gifford Lectures, 1908)

PRIZEMEN IN EXPERIMENTAL SCIENCE.

Fitz Gerald Memorial Scholars.

1913 Morphy, Henry.
1914 [None.]
1915 Poole, John Hewitt Jellett.
1916 [None.]
1917 [None.]
1918 [None.]
1919 Synge, John Lighton.
1920 [None.]

PRIZEMEN IN HISTORY AND POLITICAL SCIENCE.

Cluff Memorial Prizemen.

1913 Owen, May.
1914 Fitz Gerald, Geraldine.
1915 Thornton, Harold Victor.
1916 Hannay, Theodosia Frances Wynne.
1917 Cherry, Maud Henrietta.
1918 Thompson, George.
1919 Mack, Gordon Sylvester Bradshaw.
1920 Longfield, Ada Kathleen.

BLAKE SCHOLARS IN NATIONAL HISTORY.

1912 Bonynge, Frank.
Extra Prize: Coffey, Hugh Diarmid James.
1916 Armstrong, Olive Gertrude.
1920 Cherry, Maud Henrietta.

Dunbar Ingram Memorial Prizemen.

1913 Fitz Gerald, Geraldine.
1914 Purefoy, Thomas Amyrald Wray.
1915 Madden, John Eusebius.
1916 Daly, Dorothy Alice.
1917 Thompson, George.
1918 Wood, Olive Janie.
1919 Longfield, Ada Kathleen.
1920 [No Candidates.]

Prizemen in Political Economy.

1913 Tomlinson, Eileen Margaret.
Kelly, Bryan Albert.
1914 Glenn, Cecil William.
Armstrong, Olive Gertrude.
1915 Lindsay, Florence Mary.
[None.]
1916 Maginess, Henry Augustus.
FitzGerald, Geraldine.
1917 [None.]
1918 Thompson, George.
[None.]
1919 [None]
Maginess, Brian.
1920 Johnston, Anne Elizabeth.
Mustoe, Nelson Edwin.
1921 [No Candidates.]

Special Subjects for Prizes in Political Economy.

1913 Municipal Trading.
1914 Industrial Conflicts: their character and appropriate remedies.
1915 Railway and Transport Problems.
1916 Labour Combinations.
1917, 1918 The Industrial Revolution, 1760–1830.
1919 War Finance.
1920 Combinations in Modern Trade and Industry.
1921 Problems of Modern Banking.

WHATELY MEMORIAL PRIZEMEN IN POLITICAL ECONOMY.

1917 Murray, Robert Henry.

Subjects appointed for the Whately Memorial Prize.

1917 Emigration and Immigration.

PRIZEMEN IN ENGLISH AND MODERN LANGUAGES.

VICE-CHANCELLOR'S PRIZEMEN. (See Vice-Chancellor's Prizemen in Composition.)

PRIZEMEN IN OLD AND MIDDLE ENGLISH.

1913, 1914, 1915 [None.]
1916 White, Herbert Martin Oliver.
Davids, Ethel Isabella Gore.
1917 Farrington, Benjamin.
1918 Macdonald, Margaret Esmé Le Clere.
1919 Williamson, Wilhelmina.
1920 Spielman, Ivy Valerie.
1921 [None.]

DOCTOR HENRY HUTCHINSON STEWART LITERARY SCHOLARS.

1913 Broderick, Thomas.
1914 Magowan, John Hall.
1915 Stewart, Rebecca M'Causland.
1916 O'Connor, Dorothy Georgina Noel.
1917 Hogg, Amy.
1918 Cole-Baker, Eileen Dorothy.
1919 North, Meta Evelyn.
1920 Wilson, Mabel Kathleen Annie.
Anderson, Ivy Geraldine.

LITTLEDALE PRIZEMEN

1913 Fitz Gerald, Geraldine.
1914 Stewart, Rebecca M'Causland.
1915 Deane, Elizabeth.
1916 Cherry, Maud Henrietta.
Woodburn, Sara Mary.
1917 Thompson, George.
1918 Williamson, Wilhelmina.
1919 MacDermott, Hilda.
1920 Leslie, Mary Isabel.

PRIZEMEN IN ITALIAN.

1913 Dillon, William Ambrose.
1914 Oulton, Charles Cameron Courtney (*2nd Class*).
1915 [None.]
1916 O'Connor, Dorothy Georgina Noel.
1917 Mahony, James Francis.
1918 [None.]
1919 Davis, Harold Percy Whitton.
Dromgoole, Alice Mary Elizabeth.
Lane-Joynt, Olive.

PRIZEMEN IN SPANISH.

1913, 1914, 1915, 1916, 1917, 1918. [None.]
1919 Noble, Elizabeth.
Abernethy, Norah.
1920 Killingley, Arthur Victor Greratt.

Prizemen in Old French and Provençal.

1913 Dillon, William Ambrose.
1914 Linton, Kathleen Mary.
1914 Moran, Frances Elizabeth.
1915 Eccles, Frances Muriel.
1916 Cullinan, Muriel Frances Maude.
1917 Hogg, Amy.
1918 Barrington, Margaret Louise.
1919 Deane, Elizabeth.
1920 North, Meta Evelyn.
1921 Spielman, Doreen Lilias.

PRIZEMEN IN GENERAL ANSWERING.

Jellett Prizemen for General Answering.

1913 Froude, Edward.
M'Connell, Ernest.
1914 Stewart, Rebecca M'Causland.
Brady, Norah.
Fair, Henry.
Foster, Robert Hosford.
Hanbridge, Alfred Austin.
Roche, Thomas Allen.
1915 Frizzell, Richard.
Perry, John.
1916 Reid, Robert Higginson.
Carpenter, George Kingsford.
1917 Morris, Ernest William.
Mills, John Victor Stratton.
1918 Lane-Joynt, Olive.
Sleith, Harley Lisle.
Williams, Norman Ernest Hamilton Powell.
Williams, Thomas Herbert.
1919 Wilson, Mark.
[None.]
1920 Calvert, George William.
MacDowell, David.

PRIZEMEN IN ORIENTAL LANGUAGES.

Prizemen in Chaldee and Syriac.

1913 M'Dermott, Samuel.
1914, 1915, 1916. [None.]
1917 Bateman, John Victor.
1918 Bateman, John Victor.
1919 [None.]
1920 Tomkin, Harris.
1921 [No Candidates.]

Prizemen in Arabic.

1913 Gröne, Hermann Dawson.
1914–1919 [None.]
1920 Browne, Walter Fitzgerald.

Prizemen in Persian.

1913 Acheson, James Glasgow.
1914 Taylor, James Braid.
1915 Wylie, Francis Verner.
1916–1920 [None.]

Prizemen in Hindustani.

1913 Davies, Arthur Cecil.
1914 Taylor, James Braid.
1915 Wylie, Francis Verner.
1916–1919 [None.]
1920 Donaldson, John Coote.
1921 Browne, Walter Fitzgerald.

Prizemen in Sanskrit.

1913–1921 [None.]

PRIZEMEN IN THE SCHOOL OF DIVINITY.

Theological Exhibitioners.

1913 Hobson, John.
Norton, Edward Moore.
1914 Harvey, William Nesbitt Wilson (*2nd Rank Exhibition*).
1915 Beckerson, William Townley.
1916 [None.]
1917 Edwards, James.
Osborne, Henry John.
1918 Horan, Benjamin William.
[None.]
1919 [No Candidates.]
1920 [No Candidates.]
1921 [No Candidates.]

Archbishop King's Divinity Prizemen.

1913 Beckerson, William Townley.
Darling, Vivian William.
1914 Simpson, Bernard William.
Hannon, Arthur Gordon.
1915 Oswald, Henry Usher.
Brownell, Edward.
1916 Horan, Benjamin William.
Kenny, William Edward.
1917 [No candidates.]
1918 [None.]
Ledwich, Edward Leyland.
1919 Frizzel, Richard.
Hall, William.
1920 Irwin, Oliver Arthur Crawford.
[None.]

Bishop Forster's Divinity Prizemen.

1913 Beckerson, William Townley.
Hardy, Alexander Ogilvy.
1914 Gransden, William James.
Kelly, Denis.
1915 de Pauley, William Cecil.
Oswald, Henry Usher.
1916 Horan, Benjamin William.
Kenny, William Edward.
1917 [None.]
Willis, Joshua Samuel.
1918 Ledwich, Edward Leyland.
[None.]
1919 Hall, William.
Frizzel, Richard.
1920 Irwin, Oliver Arthur Crawford.
[None.]

Warren Church Formularies Prizemen.

1913 Harvey, William Nesbitt Wilson.
1914 Beckerson, William Townley.
1915 Simpson, Bernard William.
1916 Oswald, Henry Usher.
1917 Horan, Benjamin William.
1918 Sinnamon, Frederick Joseph.
1919 Ledwich, Edward Leyland.
1920 Beattie, Joseph Kildare.
1921 [None.]

Ryan Prizemen.

1913 Beckerson, William Townley.
1914 Gransden, William James.
1915 de Pauley, William Cecil.
1916 [None.]
1917 Parr, William John.
1918 Beattie, Joseph Kildare.
1919 Hall, William.
1920 Irwin, Oliver Arthur Crawford.
1921 Fitzpatrick, Richard William.

Bedell Scholars.

1913 [None.]
1914 Fisher, Oswald Garrow.
1915–1921 [None.]

Kyle Prizemen.

1913 Smyth, William.
1914 Fisher, Oswald Garrow.
1914 Smyth, William.
1915 Fisher, Oswald Garrow.
1916–1921 [None.]

Carson Biblical Prizemen.

1913 Good, Walter.
1914 Fleming, Robert.
1915 Waller, Bolton Charles.
1916 Daunt, Hugh Maurice.
1917 M'Combe, Isaac Hill.
1918 [None.]
1919 Hobson, Abraham.
1920 Irwin, Oliver Arthur Crawford.
1921 Walker, Robert Reginald.

PRIZEMEN IN THE SCHOOL OF LAW.

Prizemen in Civil Law.

1913 Meagher, William Francis.
Price, William George.
1914 Glenn, Cecil William.
Couser, Isobel Irene.
1915 Maginess, Henry Augustus.
FitzGerald, William James.
1916 FitzGerald, Herbert Gerald.
Sankara Narayana, Brahmadesam Cidambi.
1917 Beatty, Arthur James.
1918 Mills, John Victor Stratton.
Fitzsimmons, Richard Gerald.
1919 Giltrap, Rupert Henry.
1920 Halpin, John Ralph.
Johnston, Anne Elizabeth.
1921 Gelston, Ellen Mona.
Leslie, Kathleen.
Kane, Alexander Baily Akbar.

Prizemen in Feudal and English Law.

1913 Delamer, Gerald FitzHerbert.
Price, William George.
1914 Glenn, Cecil William.
Smyth, Irvine Johnston.
1915 White, John Malvern.
Moore, Theodore Conyngham Kingsmill.
1916 Beatty, Arthur James.
1917 Sankara Narayana, Brahmadesam Cidambi.
Walsh, John James.
1918 Rawlins, Winifred Alice.
Scallon, Francis Joseph Elliott.
1919 Mills, John Victor Stratton.
Giltrap, Rupert Henry.
1920 Halpin, John Ralph.
Smith, Philip Norbent.
Wheeler, George Bonnefforde.
1921 Daly, Michael Bernard.
Longfield, Ada Kathleen.

Prizemen in Constitutional and Criminal Law.

1913 Price, William George.
Delamer, Gerald FitzHerbert.
Callaghan, Arthur Nickson.
1914 Glenn, Cecil William.
Smyth, Irvine Johnston.
1915 Moore, Theodore Conyngham Kingsmill.
Wilson, Herbert Vaughan.
White, John Malvern.
1916 Beatty, Arthur James.
1917 Sankara Narayana, Brahmadesam Cidambi.
Devlin, John Joseph Lee.
1918 Rawlins, Winifred Alice.
Holliday, Edith.
Nichols, Beryl.
1919 Mills, John Victor Stratton.
Giltrap, Rupert Henry.
1920 Halpin, John Ralph.
Smith, Philip Norbent.
1921 Wheeler, Geo. Bonnefforde.
Longfield, Ada Kathleen.

PRIZEMEN IN JURISPRUDENCE AND INTERNATIONAL LAW.

1913 Meagher, James Francis.
Callaghan, Arthur Nickson.
1914 Glenn, Cecil William.
Moore, Mary Kathleen.
Simon, Frank.
1915 Moore, Theodore Conyngham Kingsmill.
FitzGerald, William James.
1916 FitzGerald, Herbert Gerald.
Sanakara Narayana, Brahmadesam Cidambi.
1917 Beatty, Arthur James.
Beaumont, John Nelson.
1918 Fitzsimmons, Richard Gerald.
Mills, John Victor Stratton.
1919 Giltrap, Rupert Henry.
Grant, Charles William.
1920 Johnston, Anne Elizabeth.
Maginess, Brian.
1921 Gelston, Mona.
Leslie, Kathleen.
Kane, Alexander Baily Akbar.

PRIZEMEN FOR DISTINGUISHED ANSWERING AT THE EXAMINATION FOR THE REID PROFESSORSHIP.

1915 Webb, Ambrose Henry.
Duncan, John Colley.

PRIZEMEN IN THE SCHOOL OF PHYSIC.

MEDICAL TRAVELLING PRIZEMEN AND BANKS MEDALLISTS.

1913–1917 [None.]
1919 Synge, Victor Millington.
1921 Abrahamson, Leonard.

SIR JOHN BANKS PRIZEMEN.

1913 [None.]
1915 Daniel, Herbert M'Williams.
1917-21 [None.]

SURGICAL TRAVELLING PRIZEMEN AND BENNETT MEDALLISTS.

1914 Chance, Arthur.
1916–20 [None.]

EDWARD HALLARAN BENNETT PRIZEMEN.

1914 Revington, Georgina.
1916–20 [None.]

FITZPATRICK SCHOLARS.

1913 Hadden, David Hamilton.
1914 Oliver, John Dudgeon.
1915 Hayes, Edmund Duncan Tranchell.
Speares, John.
1916 Lane, Thomas Joseph.
1917 M'Crae, Edward D'Arcy.
1918 Parker, Harry Lee.
1919 Callanan, John Charles Joseph.
Resnekov, Reuben.
1920 Abrahamson, Leonard.
1921 Radloff, Theodore.

Medical Scholars.

Physics, Chemistry, Botany, and Zoology.

1913 Fearon, William Robert.
1914 Parker, Harry Lee.
1915 [None.]
1916 [None.]
1917 [None.]
1918 Spence, David Sheridan.
1919 Cornick, Isaac.
1920 Joly, Lucy Mary.
1921 Dixon, Patrick Kerr.

Anatomy and Institutes of Medicine.

1913 Corkey, Isaac Whitla.
1914 Ramsay, Robert Clement Burke.
1915 Fearon, William Robert.
1916 Fouché, Johannes Cornelis.
1917 Coolican, John Henry.
1918 Allen, Eric Henry Cooke.
1919 Lawlor, Alice Elizabeth.
1920 Dijkman, Cornelis Derksen.
1921 Irwin, Florine Isabel.

Dr. Henry Hutchinson Stewart Medical Scholarships.

Physics, Chemistry, Botany, and Zoology.

1913 Synge, Victor Millington.
1914 [None.]
1915 [None.]
1916, 1917 [None.]
1918 Daly, Dorothy Alice.
1919 Brunton, Charles Eason.
1920 Dixon, Patrick Kerr.
1921 MacDowell, Thomas Whitley.

Anatomy and Institutes of Medicine.

1913 Joughin, George.
1914 Grimbly, Alan Francis.
1915 M'Crea, Edward D'Arcy.
1916, 1917 [None.]
1918 Snÿman, Adrian Johannes Louw.
Smyth, Essie Stuart. (Special for two years.)
1919 Horgan, Eric Sealy.
1920 Micks, Robert Henry.
1921 Purdy, Gordon.

John Mallet Purser Medallists.

1913 Bigger, Joseph Warwick.
1914 Fearon, William Robert.
1915 Parker, Harry Lee.
1916 { Long, Noelle. / Quin, James Sinclair.
1917 Cummins, Janie Millar.
1918 Davis, George Hall.
1919 Bewley, Maurice.
1920 Whaley, William Frederick.
1921 Purdy, Gordon.

Daniel John Cunningham Medallists.

1913 Ramsay, Robert Clement Burke.
1914 M'Crea, Edward D'Arcy.
1915 Scharff, John William.
1916 M'Quade, Cecil Emrys.
1917 Allen, Eric Henry Cooke.
1918 Willock, Edith Florence.
1919 Bewley, Maurice.
1920 Downer, Eric Christopher.
1921 Wilde, Otto Gruber.

BEGLEY STUDENTSHIP.

1906 Lawson, Edmund Fellows.
1907 Crawford, Herbert de Lisle.
1908 Hughes, Thomas Arthur.
1909 Tobias, William Oliver.
1910 Joughin, George.
1911 Deale, Violet Mabel.
1912 Speares, John
1913 Bigger, Joseph Warwick.
1914 Synge, Victor Millington.
1915 Smith, William Leslie Winslow.
1916 Davis, James Carlisle.
1917 Horan, John Beattie.
1918 Spence, David Sheridan.
1919 Beatty, John Edge.
1920 M'Lean, Alexander Dewar.

SCHOOL OF ENGINEERING.

STUDENTS TO WHOM SPECIAL CERTIFICATES HAVE BEEN GRANTED.

1913.

Practical Engineering.

Clegg, Richard Bagnall.
Gilmore, George Ross.
Douglas, Arthur.
Watson, William.
Kiersey, Thomas.
Stevenson, George.
Gardner, Eric.
Morphy, Henry.
Doyle, Joseph Patrick.
Baile, George Frederick Cecil. (equal)
Wilmot, Horace Francis. (equal)
Nicholls, Henry.

Mechanical and Experimental Physics.

Wilmot, Horace Francis.
Gilmore, George Ross.
Douglas, Arthur.

Mining, Chemistry, Geology, and Mineralogy.

Gardner, Eric.
Clegg, Richard Bagnall.
Douglas, Arthur.
Stevenson, George.

Electrical Engineering.

Douglas, Arthur.
Gardner, Eric.
Clegg, Richard Bagnall.

1914.

Practical Engineering.

Woodside, James.
Meredith, Dermot.
McCahon, Robert.
Somerville, Richard Newman.
Kyle, David Logan.
Stringer, Albert Edward.
Musgrave, Christopher.
Craig, Isaac Murray.

Mechanical and Experimental Physics.

Somerville, Richard Newman.
Woodside, James.

Mining, Chemistry, Geology, and Mineralogy.

Potterton, William Hubert.
Somerville, Richard Newman.
Woodside, James.
McCahon, Robert.

Electrical Engineering.

Woodside, James.
McCahon, Robert.
Kyle, David Logan.

1915.

Practical Engineering.

Murphy, Dermott.
Cope, George Ivan.
Bradley, Joseph.
Moffatt, William James.
Blunden, Eric Overington.
Allen, Wentworth.
Musgrave, Francis Edward.

Mining, Chemistry, Geology, and Mineralogy.

Moffatt, William James.
Cope, George Ivan.

Electrical Engineering.

Carolin, Charles.
Cope, George Ivan.
Moffatt, William James.

1916.

Practical Engineering.

Poole, John Hewitt Jellett.
Lewis, Henry William.
Stone, William Henry Copeland.
Twitchett, William.
Ffolliott, John Hyde Robinson.
Bergin, Charles Joseph.

Mechanics and Experimental Science.

Poole, John Hewitt Jellett.
Stone, William Henry Copeland.

Mining, Chemistry, Geology, and Mineralogy.

Stone, William Henry Copeland.
Lewis, Henry William.
Poole, John Hewitt Jellett.
Twitchett, William.

Electrical Engineering.

Poole, John Hewitt Jellett.
Lewis, Henry William.
Stone, William Henry Copeland.
Twitchett, William.

1917.

Practical Engineering.

Rankin, Robert William Roy.

1918.

Mining, Chemistry, Geology, and Mineralogy.

Glasgow, Benjamin George Little. | Gibson, Cyril Ernest.

Electrical Engineering.

Glasgow, Benjamin George Little. | Gibson, Cyril Ernest.

Practical Engineering.

Glasgow, Benjamin George Little. | Gibson, Cyril Ernest.

1919.

Practical Engineering.

Chapman, Frederick William. | Smyth, Henry James.

SPECIAL CERTIFICATES, 1920.

Practical Engineering.

Patton, John Henry Alexander.
Wheatley, Richard Elliott Parke.
Fitzsimmons, William.
Callaghan, Thomas Edmonds.
Troughton, John Herbert Watson.
Tipping, Nathaniel Drew.

Mining, Chemistry, Geology, and Mineralogy.

Mahony, James.
Callaghan, Thomas Edmonds.
Tipping, Nathaniel Drew.
Patton, John Henry Alexander.

Electrical Engineering.

Callaghan, Thomas Edmonds. | Tipping, Nathaniel Drew.

PRIZEMEN IN GEOLOGY AND MINERALOGY.

Middle Year.	*Senior Year.*
1913 Stevenson, George.	1913 Somerville, Richard Newman.
1914 Woodside, James.	1914 Cope, George Ivan.
1915 Owens, William Brabazon.	1915 Doran, Walter.
1916 [None.]	1916 Stone, William Henry Copeland.
1917 Gibson, Cyril Ernest.	1917 Rankin, Robert William Roy.
1918 Smith, Henry James.	1918 Glasgow, Benjamin George Little.
1919 Troughton, John Herbert Watson.	1919 Smyth, Henry James.
1920 Walker, Francis William.	1920 Patton, John Henry Alexander.

GRADUATES IN HONORS AT THE B.A. DEGREE EXAMINATION.

1913.

SENIOR MODERATORS.

Mathematics.

Webster, Margaret Agnes.

Classics.

McGibney, Francis George.
Wylie, Francis Verner.
Beatty, Henry.
Patton, Elsie Rankin.

Mental and Moral Philosophy.

*McCormick, Georgina.
Beatty, Henry.
Davies, Emlyn Berkeley.
Greeves, Mary Florence.
Gibson, Joseph Hugh Rush.
Dickey, Robert Steen.
Purcell, Herbert Kevin.
Webster, Margaret Agnes.

Natural Science.

[A.]

*Mason, Thomas Godfrey.
Stewart, Eliza Jane.

[B.]

McSweeney, Eugene John.

History and Political Science.

Wylie, Francis Verner.
Crofton, Richard Marsh.
Armstrong, Olive Gertrude.
Kelly, Olive Constance.
Bridge, Blacker Frank.
Clarke, Henry Jessop St. John.

Modern Literature.

*Renton, Janie Karolin (*Fr. & G.*).
Linton, Kathleen Mary (*Fr. and Eng.*).
Dillon, William Ambrose (*Fr. and G.*).
Seymour, William Herbert (*Fr. and Eng.*).
Moore, Nina Joyce (*Fr. and Eng.*).
Coates, Charlotte Elsie (*Fr. and G.*)

Legal and Political Science.

Meagher, James Francis.
Hume, Walter Oakman.
Delamer, Gerald Fitz Herbert.
Callaghan, Arthur Nickson.
Kelly, Denis Bernard.

Engineering Science.

Douglas, Arthur Henry.

Celtic Languages.

Culverwell, Anne Beatrice.

* Large Gold Medal.

JUNIOR MODERATORS.

Mathematics.

[None.]

Classics.

Murphy, William Haughton.
Venables, Oswald Eric.
Crofton, Richard Marsh.
Priestman, Harold Eddey.
Johnson, Sara Winifred.
Doak, Houston Larmour.

Mental and Moral Philosophy.

Thomas, Francis Stephen.
Stewart-Moore, John Leslie.
Cosgrave, Percival Reginald.
Orr, Adrian William Fielder.

Experimental Science.

Cooke, John Harbourne.

Natural Science.

[A.]

Hadden, Kathleen Frances.

[B.]

Robinson, James Salmond.

History and Political Science.

Young, Lawrence Hingston Lindsay.
Elliott, Robert Cyril Hamilton Glover.
Henderson, Kathleen Montgomery.
Acheson, Archibald Howard M'Causland.

Modern Literature.

Hillis, Aileen Annie (*Fr. and G.*).
Noyes, Claude Robert Barton (*Fr. and Eng.*).
Bernard, Alice Eleanor (*Fr. and Eng.*).
Weatherup, Mary (*Fr. and G.*).
Brabazon, Kathleen Jane Major (*Eng. and G.*).

Legal and Political Science.

Robinson, Robert Cecil.
Roundtree, Isaac.
Wakely, Ion George.
Power, Charles Stewart.

Engineering Science.

Watson, William.

SUPPLEMENTAL SENIOR MODERATORS.

Natural Science.

[B.]

Hayes, Edward Duncan Franchelle.
Joughin, George.

SUPPLEMENTAL JUNIOR MODERATORS.

Mathematics.

Lavery, John Perry.

Classics.

Douglas, Archibald Beck.
Fisher, Oswald Garrow.

RESPONDENTS.

January.

Jones, Horace Francis.

April.

Macourt, William Thomas.

June.

Boyle, David Dorrington.
McMullan, William John.
McCullagh, Frederick Richard.
Dickey, Mabel Elizabeth.

December.

Anderson, Eleanor Jane.
Jamison, May Margaretta.
Orr, Ethel.

1914.

SENIOR MODERATORS.

Mathematics.

Anderson, Jeanie.
Collins, Maurice.

Classics.

Mullan, Charles Seymour.
Spurgeon, Thomas Harold.

Mental and Moral Philosophy.

*Baile, George Cecil Frederick.
Mullan, Charles Seymour.
Waller, Dorothea Catherine.
Hardy, Alexander Ogilvy.
de Pauley, William Cecil.
Foster, Thomas Cartret.
M'Dermott, Samuel.
Collins, Maurice.
Scott, Marie Janet.

Experimental Science.

Lewis, Iva Gwendoline.

Natural Science.

[A.]

*Ball, Nigel Gresley.
M'Ilroy, Reta.
Barron, Jacob Maurice.
Wilson, Annie.

History and Political Science.

*Kyle, David Logan.
Lindsay, Mary Florence.
Khan, Shafaat Ahmad.
Owen, Florence May.
M'Crea, Thomas.
Murphy, Johnston.
Blair-White, Arthur.

Modern Literature.

Pearsall, Richard Montague Stack (*Fr. and G.*).
Kilroe, Elizabeth Sarah (*Fr. and G.*).
Burgess, Kathleen Anna (*Eng. and G.*).
Smyth, Edith Charlotte (*Eng. and Fr.*).

Legal and Political Science

Glenn, Cecil William.

Celtic Languages.

*Duncan, Lilian.

JUNIOR MODERATORS.

Mathematics.

Perry, William Millar.

Classics.

Jamison, Samuel Wallace.
Stevenson, William King.

Mental and Moral Philosophy.

Henderson, George York.
Ferguson, William.
Henderson, Alice Maud.
Hurley, Gertrude Charlotte.

Experimental Science.

Wilson, Edith Gertrude.

History and Political Science.

Duncan, Ida May Coffin.
Pearsall, Janet Grace Hobhouse.
Wynn, Kathleen Edith Williams.
Wiley, Ethel Elizabeth.
Ardill, Constance Isabel.

Modern Literature.

Butler, Meta Letitia Mary (*Fr. and Eng.*).
Bradshaw, Charlotte May (*Fr. and Eng.*).
Hanrahan, Norah (*Fr. and G.*).

Legal and Political Science.

Quinlan, Patrick Francis.
Deverell, Averil Katherine Slatter.

*Large Gold Medal.

SUPPLEMENTAL SENIOR MODERATORS.

Mental and Moral Philosophy.

Lyle, John M'Elderry.

Modern Literature.

White, Herbert Martin Oliver (*Fr. and Eng.*).

SUPPLEMENTAL JUNIOR MODERATORS.

Classics.

Maplesden, Muriel.

Legal and Political Science.

M'Tighe, Robert.

Modern Literature.

Kyle, Rosetta (*Fr. and G.*).
Lunn, Hugh Kingsmill (*Eng. and G.*).

RESPONDENTS.

January.

Williams, Gerald Leopold.

April.

Howarth, John George.
Driver, Louis Joseph.
Roche, Stephen Anselm.

June.

Sara, Edmund Willoughby.
Bailey, Thomas Arthur.
Blackburn, Charles James.

December.

Murray, Menzies.

1915.

SENIOR MODERATORS.

Mathematics.

West, Arthur Eustace Lockley.
Johnston, Wilfred.
Funston, Margaret Florence Wilhelmina.
Conlin, Bernard Francis.

Classics.

†Nurock, Max.
Kyle, John Andrew.
Farrington, Benjamin.
Flewett, Henry Walter.
Glen, James Alexander.
Ellis, Charles.

Mental and Moral Philosophy.

†Nurock, Max.
Kyle, John Andrew.
Johnson, Marjorie Violet.
Farrington, Benjamin.
Brunton, Charles Eason.
Froude, Edward.
Smyly, Phyllis Claudia.
Anderson, John.
Daunt, Hugh Maurice.

Experimental Science.

†Poole, John Hewitt Jellett.

† Large Gold Medal.

SENIOR MODERATORS—*continued.*

Natural Science.

B.

†Fearon, William Robert.

History and Political Science.

FitzGerald, Geraldine.
Glen, James Alexander.
Monroe, Olive Mary.
Hardy, Jessie.

Modern Literature.

†Magowan, John Hall (*Fr. and G.*).
Moran, Frances Elizabeth (*Eng. and Fr.*).
Ray, Winifred Isabel (*Fr. and G.*).
Davids, Ethel Isabella Gore (*Eng. and Fr.*).

Legal and Political Science.

Hamill, John Bernard.
Maginess, Henry Augustus.

JUNIOR MODERATORS.

Classics.

Brownell, Reginald Samuel.

Mental and Moral Philosophy.

Wilson, Ethel Margaret.
Shortt, John Purser.
Ellis, Charles.
Morphy, Enid Nöel.
Flewett, Henry Walter.
Matthews, Edwin James.
Strawbridge, Robert.
Browne, Harold Robert.
M'Connell, Ernest.

Natural Science.

A.

Varian, Walter Osborne.

B.

Wright, Alan Glynn.

History and Political Science.

Johnston, Wilfrid.
Walmesley, Alwyn Arthur.
Jackson, Adrienne Ruby.
French, Elsie May.

Modern Literature.

Sharpe, May (*Eng. and G.*).
Eccles, Murie Frances (*Eng. and Fr.*).
Michael, Elizabeth (*Eng. and Fr.*).

Legal and Political Science.

Gillespie, John.

SUPPLEMENTAL SENIOR MODERATOR.

Modern Literature.

Wilson, Mary (*Fr. and G.*).

† Large Gold Medal.

SUPPLEMENTAL JUNIOR MODERATORS.

Classics.

Irvine, Hugh Alexander.

Mental and Moral Philosophy.

Osborne, Henry John.

Modern Literature.

Colquhoun, Annie Kathleen (*Fr. and G.*).

RESPONDENTS.

January.

Jasper, Thomas Clyde.
Morris, Newsam.
Rogers, Louis.

April.

Martin, Denys Richard.
Copley, Jessie Winifred May.

June.

Broadhead, James Arthur.
York, Charles Henry.
Young, Adelaide Matilda.
McGeagh, William John.
Boyd, James.
Benison, Joseph Edward.

December.

Carpenter, Thomas Lionel.
Cocksedge, Beatrice Winifred.
Skyrm, Llewellyn.
Acheson, Elizabeth Baldrick.

1916.

SENIOR MODERATORS.

Mathematics.

[None.]

Classics.

†Richardson, Leopold John Dixon.
Davis, James Carlisle.

Mental and Moral Philosophy.

Richardson, Leopold John Dixon.
Moore, Eva Elizabeth.
Thompson, Lilian Mary.

Experimental Science.

†Hughes, Kathleen Harriet.

Natural Science.

[B.]

†M'Crea, Edward D'Arcy.
Barlas, Alexander Richard.
Luce, Ethel Marjorie.

History and Political Science.

Davis, James Carlisle.
Campling, Nora.

Legal and Political Science.

*Moore, Theobald Conyngham Kingsmill.
Wilson, Herbert Vaughan.
Kyle, Frances Christian.

Modern Literature.

Anderson, Marguerite (*Fr. and Ger.*).
Stewart, Rebecca M'Causland (*Eng. and Fr.*).
Gibson, Gladys Aimée Naomi (*Fr. and Ger.*).
Price, Mona Steele (*Eng. and Fr.*).
Purefoy, Winifred Angel Mary (*Eng. and Ger.*).

Celtic Languages.

Beaumont, John Nelson.

Engineering Science.

[None.]

† Large Gold Medal.

JUNIOR MODERATORS.

Classics.

Thornton, Harold Victor.

Natural Science.

[B.]

Fouché, John Cornelis.

History and Political Science.

M'Ivor, Flora.
Cargin, Eleanor Macpherson.
Thornton, Harold Victor.
Devlin, Edward John.

Legal and Political Science.

Logan, Lily.

Modern Literature.

Clarke, Isabella Hutchinson (*Eng. and Fr.*).
Goodfellow, Kathleen (*Eng. and Fr.*).

SUPPLEMENTAL JUNIOR MODERATORS.

History and Political Science.

Rodden, Adelaide Mary.
Bonynge, Frank.

Legal and Political Science.

Villiers, Norah Hermione.
Shortt, Charles.

RESPONDENTS.

January.

Oulton, Charles Cameron Courtenay.

April.

Frazer, Thomas.
Carter, Alfred Ernest.

June.

Williams, Annie Adeline.
James, George.
Kilpatrick, James.

December.

Synge, Victor Millington.
Horan, Benjamin William.
Crooks, Louis Warden.

1917.

SENIOR MODERATORS.

Mathematics.

†Rowe, Charles Henry.
Tate, Herbert.

Classics.

†Micks, Robert Henry.
Starkie, Walter Fitzwilliam.

Mental and Moral Philosophy.

†Rowe, Charles Henry.
Micks, Robert Henry.

Experimental Science.

Tate, Herbert.

Natural Science.

[None.]

History and Political Science.

Sibthorpe, Marjorie Frances.
Starkie, Walter Fitzwilliam.
Gahan, Mary Kathleen Grania.
Smyth, Ida Caroline.
Hurford, Mabel Elinor.
Hannay, Theodosia Frances Wynne.

Legal and Political Science.

[None.]

† Large Gold Medal.

SENIOR MODERATORS—*continued.*

Modern Literature.

†O'Connor, Dorothy Georgina Noel (*Fr. and Ger.*).
Macdonald, Margaret Esmé Le Clerc (*Eng. and Fr.*).
Noble, Emily Mary (*Fr. and Ger.*).
Armstrong, Persis Maud Moore (*Eng. and Fr.*).
Morphy, Kathleen Josephine Mary (*Eng. and Fr.*).
M'Ilroy, Mary French (*Fr. and Ger.*).
Harding, Mabel Caroline (*Eng. and Fr.*).

Celtic Languages.

[None.]

Engineering Science.

[None.]

JUNIOR MODERATORS.

Mathematics.

Butler, Annie Kathleen.

Classics.

[None.]

Mental and Moral Philosophy.

Boyd, George Thompson.
Kerr, William John.
Hobson, Abraham.

Legal and Political Science.

Fynne, Robert John.

Modern Literature.

Price, Kathleen Arnold (*Eng. and Fr.*).
Humphreys, Margaret Crawford (*Eng. and Fr.*).

SUPPLEMENTAL JUNIOR MODERATORS.

Mathematics.

Wilson, Daisy.

Mental and Moral Philosophy.

Shortt, Charles De Lisle.

Modern Literature.

Lyttle, Martha Agnes (*Fr. and Ger.*).

RESPONDENTS.

January.

[None.]

April.

Russell, Olive Beatrice.

June.

Perry, John.
Dee, Francis William.
Warnock, William Herbert.
Hammond, George Graham.
Stothers, Thomas.

December.

Spence, David Sheridan.
Couser, Violet Mignon.
Frizzell, Richard.
Irvine, Gladys Vera.
Shearman, Josiah Francis.

† Large Gold Medal.

1918.

SENIOR MODERATORS.

Mathematics.

Broderick, Timothy Stanislaus.

Classics.

Doak, William Burton.

Experimental Science.

Carpenter, George Kingsford.
Broderick, Timothy Stanislaus.

Natural Science.

[A.]

Flood, Maggie Greer.

History and Political Science.

Cherry, Maud Henrietta.
Doak, William Burton.
Morrow, Ian Fitzherbert Despard.

Legal and Political Science.

Rawlins, Winifred Alice.

Modern Literature.

Patten, Frances Petticrew (*French and German*).
Hogg, Amy (*French and German*).
Magowan, Jane Elizabeth (*French and German*).
Barrington, Margaret Louise (*French and German*).

JUNIOR MODERATORS.

Mental and Moral Philosophy.

Coolican, Ethel Mary.

History and Political Science.

Baxter, Sara Marguerite. | Nichols, Beryl.

Legal and Political Science.

Aggarwala, Dwarka Nath.

SUPPLEMENTAL SENIOR MODERATOR.

Modern Literature.

Deane, Elizabeth (*English and French*).

SUPPLEMENTAL JUNIOR MODERATOR.

Celtic Languages.

Beaumont, Olive Marjory.

RESPONDENTS.

June.

Martin, Evelyn.
Mulligan, William Graham.

December.

M'Kee, Harry.

1919.

SENIOR MODERATORS.

Mathematics.

†Synge, John Lighton.
Beatty, John Edge.
West, William George.

Classics.

†Whitfield, Vivian.
Mack, William Henry Bradshaw.
Irwin, Oliver Arthur Crawford.
Davis, Harold Percy Whitton.
Donaldson, John Coote.

Mental and Moral Philosophy.

†Robinson, Thomas Henry.
MacLarnon, James Ernest.
Bateman, John Victor.

Experimental Science.

†Synge, John Lighton.
Gibson, Cyril Ernest.

History and Political Science.

†Purefoy, Thomas Amyrald Wray.
Whitfield, Vivian.
Irwin, Oliver Arthur Crawford.
Mack, William Henry Bradshaw.

Legal and Political Science.

Giltrap, Rupert Henry.

Modern Literature.

Noble, Elizabeth (*French and German*).
M'Kinney, Laura (*English and French*).
Woodburn, Sara Mary (*French and German*).
Wilson, Aileen Dorothy Mary (*French and German*).
Osborne, Dorothy (*French and German*).
Cole-Baker, Eileen Dorothy (*English and German*).

SUPPLEMENTAL SENIOR MODERATORS.

Natural Science.

Lawlor, Alice Elizabeth.
Stevenson, Margaretta Tate.

Modern Literature.

Young, Robert Lovell (*French and German*).

JUNIOR MODERATORS.

Mental and Moral Philosophy.

Burnside, Evelyn Margaret Georgina Evans.
Barclay, George Harold.

Natural Science.

Baillie, Emily Elspeth Grace.

History and Political Science.

MacDermott, Edward Joseph.
Clotworthy, Anna Maria.

Modern Literature.

Fullerton, Aileen Norah (*English and French*).

RESPONDENTS.

January.

[None.]

April.

Warren, William John.
Caldwell, Maria Margaret.

June.

McCaughey, James.
Stevens, William Pearson.

December.

Glynn, Patrick.
Horan, John Beattie.

† Large Gold Medal

1920.

SENIOR MODERATORS.

Mathematics.

Walsh, Cyril Edward.

Classics.

†Gibson, John Percival.
Ferguson, Robert Mervyn.
Kennedy-Skipton, George Stacy.
Browne, Walter Fitzgerald.

Mental and Moral Philosophy.

†Gibson, John Percival.
Kennedy-Skipton, George Stacy.
Morphy, Edith Armorel.
Bewglass, James Harper.
Morris, Crawford.

Experimental Science.

†Bell, James.
Bowers, Henry.
Copeland, Mary Edith.
Judge, Lucy Ruth.
Watson, Hester Adelaide.
Stevenson, Emily Helena.
Lavelle, Dorothy Frances Hope.

History and Political Science.

†Ferguson, Robert Mervyn.
Lyster, Charlotte Cameron.
Finch, Ruby Violet.
Wilson, Dominick Patrick Sarsfield.

Modern Literature.

†North, Meta Evelyn (*French and German*).
Lane-Joynt, Olive (*English and French*).
Aykroyd, Phyllis (*English and French*).
Williamson, Wilhelmina (*English and German*).

Legal and Political Science.

Johnston, Anne Elizabeth.
Smith, Philip Norbert.

JUNIOR MODERATORS.

Mathematics.

Bell, James.
Ruben, Hymen.

Classics.

Mack, Gordon Sylvester Bradshaw.

Mental and Moral Philosophy.

Farley, William John.
Walsh, Cyril Edward.
Robinson, William.

History and Political Science.

McMeekin, Audrey Moyra.
McGreevy, Thomas.

Modern Literature.

Moore, Violet Mabel Knox (*English and French*).

Legal and Political Science.

Logan, May.
Bridge, Allman Vizer.

† Large Gold Medal.

SUPPLEMENTAL SENIOR MODERATORS.

Mental and Moral Philosophy.

Wilson, Maria Percy.

Modern Literature.

Leventhal, Abraham Jacob (*French and German.*)

Legal and Political Science.

Green, Isaac.

SUPPLEMENTAL JUNIOR MODERATORS.

Mental and Moral Philosophy.

Ruby, James Henry.

Modern Literature.

Bradshaw, Charlotte Mary (*French and German*).

RESPONDENTS.

January.

[None.]

April.

[None.]

June.

Tichbourne, Theodore Olivia.
Grime, Allan Godfrey.
Walker, Arthur George.

December.

Hamel-Smith, Lionel Frederick.
Sleith, Harley Lisle.

HONORARY DEGREES.

Doctors in Divinity.

1920 Æ. Chase, Right Rev. Frederick Henry.
1920 Æ. Paterson, Very Rev. William Paterson.

Doctors in Laws.

1914 Æ. Baxter, James Sinclair.
1920 Æ. Bryce, Right Hon. James, Viscount of Dechmont.
1920 Æ. Bulfin, Lieut.-Gen. Sir Edward Stanislaus, K.C.B.
1919 V. Burtchaell, Charles Henry, C.B., C.M.G.
1921 Æ. Falconer, Sir Robert Alexander, K.C.M.G.
1919 Æ. French, His Excellency Field Marshall John Denton Pinkstone, Viscount of Ypres, Lord Lieutenant of Ireland.
1918 H. Goligher, Hugh Garvin, C.B.E.
1920 Æ. Gray, Brigadier-Gen. Frederick William Barton, C.M.G.
1919 Æ. Jellicoe, Brigadier-General Richard Carey.
1920 Æ. Macalister, Sir Donald, K.C.B.
1915 Æ. May, Hon. Francis Henry, K.C.M.G.
1914 Æ. Nunan, Hon. Joseph John.
1914 Æ. Palles, Rt. Hon. Christopher, Lord Chief Baron.
1914 Æ. Prenter, Rev. Samuel.
1914 Æ. Ross, Rt. Hon. John.
1919 Æ. Wilson, Sir Henry Hughes, G.C.B.

Doctors in Medicine.

1920 Æ. Garrod, Sir Archibald Edward, K.C.M.G.
1919 Æ. Gerrard, Major-General John Joseph, C.B.
1919 Æ. Irwin, Major-General Sir James Murray, K.M.G.
1919 Æ. Russell, Major-General John Joshua, C.B.
1919 Æ. Swan, Major-General William Travers, C.B.
1919 Æ. Thompson, Major-General Sir Harry Neville, K.M.G.

Doctors in Science.

1921 Æ. Borel, Emile.
1919 Æ. Bower, Frederick Orpen.
1920 Æ. Bragg, Sir William Henry, K.C.B.
1919 Æ. Macassey, Sir Lyndon Livingstone, K.B.E.
1917 Æ. M'Clelland, John Alexander.
1913 Æ. Seward, Albert Charles.
1913 Æ. Strutt, Hon. Robert John.
1914 Æ. Werner, Emil Alphonse.

HONORARY DEGREES—*continued.*

Doctors in Literature.

1913 Æ. Bagwell, Richard.
1913 Æ. Clark, Albert Curtis.
1920 Æ. Crooke, William, C.I.E.
1913 Æ. Farrell, Louis Richard.
1921 Æ. Orpen, Goddard Henry.
1921 Æ. Phillimore, John Swinnerton.
1914 Æ. Rogers, Robert William.
1918 Æ. Smith, Vincent Arthur.
1914 Æ. Waldstein, Sir Charles.
1913 Æ. Wiedemann, Charles Alfred.

Doctor in Music.

1917 Æ. Fellowes, Edmund Horatio.

Master in Arts.

1918 Æ. Gwynn, Lucy Penelope.

Masters in Surgery.

1921 Æ. Taylor, Edward Henry.
1913 Æ. Woods, Sir Robert Henry, Knt.

Master in Engineering.

1914 Æ. Griffith, Sir John Purser, Knt.

DOCTORS IN SCIENCE.

1914 Atkins, William Ringrose Gelston.
1921 Borel, Emile (*h. c.*).
1919 Bower, Frederick Orpen (*h. c.*).
1920 Bragg, Sir William Henry (*h. c.*)
1916 Caldwell, William.
1921 Cotter, Gerald de Purcell.
1919 Fearon, William Robert (*s. c.*).
1913 Hudson, Hilda Phoebe.
1919 Kemp, Stanley Wells.
1919 Macassey, Sir Lyndon Livingstone (*h. c.*).
1917 M'Clelland, John Alexander (*h. c.*).
1919 M'Mahon, James (*s. c.*).
1918 Poole, Horace Hewitt (*s. c.*).
1921 Poole, John Hewitt Jellett (*s. c.*).
1913 Seward, Albert Charles (*h. c.*).
1913 Strutt, Hon. Robert John (*h. c.*).
1914 Werner, Emil Alphonse (*h. c.*).

BACHELORS IN SCIENCE.

1917 Azam, Syed Mahomed.
1920 Carpenter, George Kingsford (*s. c.*).
1914 Coade, May Emily.
1916 Fearon, William Robert.
1918 Holtby, John Robert Dunn (*s. c.*).
1917 Mason, Thomas Godfrey (*s. c.*).
1917 Morphy, Henry.
1915 Robinson, Archibald Louis.
1914 Shipsey, Kathleen Agatha.
1914 Smyth, Louis Bouvier.
1916 Wilson, Edith Gertrude.

DOCTORS IN LITERATURE.

1913 Bagwell, Richard (*h. c.*).
1913 Clark, Albert Curtis (*h. c.*).
1920 Crooke, William (*h. c.*).
1913 Farrell, Louis Richard (*h. c.*).
1919 Kennedy, William Waugh M'Clure.
1919 Khan, Shafaat Ahmed.
1913 Lawlor, Rev. Hugh Jackson.
1915 O'Connell, Frederick William (*s.c.*).
1921 Orpen, Goddard Henry (*h. c.*).
1921 Phillimore, John Swinnerton (*h. c.*).
1919 Phillpotts, Bertha Surtees.
1913 Richter, Gisela Marie Augusta.
1914 Rogers, Robert William (*h. c.*).
1921 Seymour, Rev. St. John Drelincourt.
1918 Smith, Vincent Arthur (*h. c.*).
1914 Smyly, Josiah Gilbart.
1913 Trench, Wilbraham Fitzjohn.
1914 Waldstein, Sir Charles (*h. c.*).
1917 Waterhouse, Gilbert (*s. c.*).
1913 Wiedemann, Charles Alfred (*h. c.*).

DIVINITY TESTIMONIUMS.

The following list, taken in conjunction with the list in the Special Supplemental Volume for 1912–3, is intended to contain the names of all those who qualified for Testimoniums in the School of Divinity from the year 1840. Those who were placed in the First or Second Class at the Final Divinity Examination are indicated by (1) or (2) after the name. Those who obtained Theological Exhibitions are indicated by Roman numerals after the name, the relative position of the premium being shown by the numeral.

1915 Acheson, Archibald Howard M'Causland (2).
1921 Acheson, William Gordon (1).
1920 Beattie, Joseph Kildare (1).
1913 Beaumont, Henry Foxton (1).
1914 Beckerson, William Townley (i) (1).
1919 Belton, James Joseph.
1916 Beresford-Poer, Raymond (2).
1918 Bloomer, Thomas (2).
1914 Boyle, John.
1918 Bradley, Thomas.
1913 Bradshaw, John Balfour.
1914 Branagh, James (1).
1916 Brasier, Oswald Henry.
1916 Brownell, Edward (1).
1917 Bryan, Robert Harris.
1919 Butler, James Joseph (2).
1913 Caffry, Charles Robert.
1915 Campion, John Robert.
1915 Carroll, Charles Frederick Hezlet (2).
1914 Chadwick, Samuel.
1913 Chamberlain, Arthur Percival.
1920 Chestnutt-Chesney, Frederick.
1914 Clark, Cecil Dawson.
1917 Cockrill, John.
1921 Coleman, William George.
1913 Colvin, Henry Archibald.
1917 Cooke, Henry William.
1915 Cosgrave, Percival Reginald (2).
1913 Cotter, John Beresford (1).
1913 Coulter, Francis Clements.
1920 Coulter, William Henry (1).
1919 Cox, John Francis.
1913 Craig, James Robert Hanna.
1914 Culverwell, Oliver Gerald.
1914 Darling, Vivian William (1).
1917 Daunt, Hugh Maurice (2).
1914 Deane, Richard Albert (2).
1919 de Massy, William Hamo Ingolsby.
1916 de Pauley, William Cecil.
1915 Devlin, Thomas Stafford.
1921 Dixon, Ernest George (2).
1920 Dobbin, William Hume.
1921 du Cros, Cyril (2).
1913 Eaton, Hugh Bourchier.
1916 Edwards, James (2).
1916 Egar, Robert Henry (2).
1919 Egerton, Henry Francis Osborne.
1913 Elliott, Gerald William.
1914 Elliott, Robert Cyril Hamilton Glover.
1914 Ewart, William Dawson.
1917 Fair, Henry (2).
1915 Fairbrother, George Berford (2).
1920 Farrell, Robert Thompson.
1913 Ferguson, Richard.
1915 Fisher, Oswald Garrow (2).
1915 Fleming, Robert (1).
1913 Foley, William Arthur Ernest.
1919 Forbes, Alfred (1).
1914 Forde, Harold Giles.
1920 Foster, Henry Robert Victor.
1916 Furniss, George.
1918 Garstin, Norman Eliot.
1914 Good, Walter (2).
1915 Gransden, William James (2).
1913 Greening, Ernest William (1).
1913 Haddock, Josiah.
1920 Hall, William (2).
1916 Hamilton, George (2).
1921 Hamilton, Noble Holton.

DIVINITY TESTIMONIUMS—*continued.*

1915 Hannon, Arthur Gordon (1).
1920 Harbord, Ralph Cecil Victor.
1915 Hardy, Alexander Ogilvy (2).
1913 Harvey, William Nesbitt Wilson (ii) (1).
1916 Hazlett, Samuel Francis.
1920 Henchy, Dudley North.
1914 Hewitson, Arthur Edward Millet.
1920 Hill, Frederick Charles (2).
1913 Hipwell, Richard Senior (1).
1920 Hobson, Abraham (2).
1914 Hodgins, John James (2).
1917 Horan, Benjamin William (1).
1920 Huston, Charles William Archibald.
1916 Ireland, Arthur Joseph Twamley.
1917 Ireland, Geoffrey Vincent Stanley.
1921 Irwin, Oliver Arthur Crawford (1).
1915 Johnston, George Cooper (2).
1920 Johnston, Gilbert Stanley Samuel (2).
1914 Jones, William Armstrong.
1915 Kelly, David (2).
1913 Kennedy, Francis George Mulholland.
1919 Kennedy, Henry Angus Victor.
1913 Kennedy, Henry Brew.
1916 Kee, Robert.
1917 Kenny, William Edward (2).
1919 Kingston, George.
1913 Kyrke, Vernon.
1919 Ledwich, Edward Leyland (1).
1913 Levis, John.
1915 Lougheed, James John.
1913 Lyndon, Charles Henry Preston (2).
1917 M'Clure, James Joseph (2).
1914 M'Clure, Thomas James.
1918 McCombe, Isaac Hill (2).
1915 Mack, Gwynn Seton Bradshaw.
1913 M'Kinley, George (2).
1913 Manning, Samuel Dallas.
1913 Matchette, William (1).
1916 Matthews, Edwin James (2).
1914 Millington, George Wilfred O'Callaghan.
1919 Mills, Edgar Parker.
1921 Mollan, Robert Augustine.
1914 Morrison, Robert Cecil (2).
1915 Murray, George Walton.
1915 Nelson, Francis West.
1917 Nelson, John Christian.
1921 Norris, Crawford.
1918 Odlum, Gerald Edward.
1915 O'Loughlin, Bryan.
1919 Ormsby, Philip Robert.
1913 Orr, Adrian William Fielder.
1916 Osborne, Henry John (1).
1916 Oswald, Henry Usher (1).
1913 Oulton, John Ernest Leonard (1).
1920 Parkes, Fitzwilliam Cecil O'Grady (2).
1916 Parr, Thomas.
1918 Parr, William John (2).
1913 Pearson, William Thomas Hingston.
1913 Plant, Leslie Horrocks.
1915 Pollard, John Alexander (2).
1913 Porter, John.
1914 Rea, Vivian Trevor Tighe.
1913 Reilly, John Curtis (2).
1913 Rennison, William.
1917 Roberts, Norman Lee (2).
1915 Robinson, John Thomas (2).
1915 Rose, Thomas Percival.
1915 Russell, William Alexander.
1916 Scanlon, Thomas Henry.
1919 Scott, Robert Francis.
1914 Shaw, James Hunter.
1917 Shortt, John Purser (2).
1915 Simpson, Bernard William (1).
1918 Sinnamon, Frederick Joseph (1).
1920 Smith, Vivian Fielding (2).
1918 Smyth, Charles John.
1915 Smyth, Richard Bertram.
1914 Spence, Alexander.
1914 Stevenson, George Claude Percival (1).
1916 Stone, Ralph.

DIVINITY TESTIMONIUMS—*continued.*

1914 Sutcliffe, Vernon George (2).
1915 Tamplin, Francis William St. John.
1914 Thompson, Robert Henry.
1915 Vaughan, Hugh Edward.
1914 Wallace, William.
1913 Waring, John.
1914 Watson, Robert.
1914 Waugh, Richard Mortlock Lloyd.
1914 Weir, Robert Edward (2).
1914 West, James Richard.
1913 West, Reginald Francis.
1918 White, Douglas Stuart Hamilton.
1921 White, Warburton Edward.
1915 Willis, Henry Percy.
1918 Willis, Joshua Samuel.
1921 Wilson, Dominick Patrick Sarsfield (2).
1914 Wilson, Geoffrey Moffatt.
1919 Wilson, William Twamley.
1913 Young, William Charles.

DEGREES IN DIVINITY.

BACHELORS IN DIVINITY.

(This List, taken in conjunction with that published in the Special Supplemental Volume for 1912–3, contains the names of those who obtained this Degree under the conditions laid down by the Senate in 1876.)

1920 Armstrong, Claude Blakeley.
1914 Alcock, James Henry.
1920 Baylis, Harry James.
1916 Beckerson, William Townley.
1913 Campling, Percival.
1913 Chamberlain, George Ashton.
1913 Cole, Richard Lee.
1919 Courtenay, John Eales.
1920 Day, John Godfrey FitzMaurice (*j. d.*).
1919 De Pauley, William Cecil.
1921 Gillespie, Henry Richard Butler.
1919 Gumley, Edmund Maurice.
1915 Harvey, William Nesbitt Wilson.
1918 Henderson, Alice Maud.
1918 Hind, John (*j. d., s. c.*).
1919 Hingston, James Henry.
1916 Hipwell, Richard Senior.
1915 Hobson, John (*s.c.*).
1919 Horan, Benjamin William (*s. c.*).
1918 Hunter, Joseph Alexander.
1917 Madden, John Howard.
1915 Martin, Thomas Hutchinson.
1919 Miller, Robert (*j. d.*).
1916 Mitchell, Percy James.
1914 Nixon, George Robinson.
1913 Norton, Edward Moore.
1919 Oulton, John Ernest Leonard.
1921 Ryall, Charles Richard.
1917 Sadler, Wilson Dawson.
1914 Scott, Melville (*ad eund. Cantab.*).
1913 Shaw, Christopher George.
1919 Simpson, Bernard William.
1914 Sirr, William James.
1920 Spurgeon, Thomas Harold.
1916 Stevenson, George Claude Percival.
1917 Stewart, Walter William.
1915 Stuart, Alfred Ernest Leigh.
1919 Thompson, Sidney Lyle.
1919 Thornley, Joseph.
1914 Tilson, Robert Robinson.
1915 Tollinton, Richard Bartram (*ad eund. Oxon.*).
1920 Tyner, Richard.
1920 Warren, Frederick William Wensley.
1913 Whitaker, Charles.
1915 Williams, Marrable.
1914 Woodhouse, Hugh Parker.

Doctors in Divinity.

(This List, taken in conjunction with that in the Special Supplemental Volume for 1912–3, contains the names of those who obtained this Degree since January, 1832.)

1920 Chase, Frederick Henry (*h.c.*)
1913 Cooper-Marsdin, Arthur Cooper.
1921 Darragh, John Thomas.
1920 Day, John Godfrey FitzMaurice (*j. d.*).
1913 Gregg, John Allen FitzGerald (*s.c.*).
1919 Grierson, Charles Thornton Primrose (*j. d.*).
1918 Hind, John (*j. d.*).
1914 Jourdan, George Viviliers.
1920 Luce, Arthur Aston (*s. c.*).
1917 McNeile, Alan Hugh (*s. c.*).
1919 Miller, Robert (*j. d.*).
1916 Moore, William Richard (*j. d.*).
1915 Pakenham-Walsh, Herbert (*j.d.*).
1920 Paterson, William Paterson (*h.c.*).
1916 Peacocke, Joseph Irvine (*j. d.*)
1915 Reid, William Douglass.
1915 Roberts, William Ralph Westropp (*s.c.*).
1920 Ross, Arthur Edwin (*j. d.*)
1914 Scott, Melville.
1915 Tollinton, Richard Bartram.
1920 Webster, Charles Alexander.

DEGREES IN LAW.

Doctors in Laws.

(This List, taken in conjunction with that in the Special Supplemental Volume for 1912–3, contains the names of those who obtained this Degree since January, 1832.)

1919 Aldwell, Rev. Frederick Basil.
1915 Allen, Rev. John.
1917 Assindor, George Frederick.
1914 Baxter, James Sinclair (*h. c.*).
1914 Bellamy, Robert Lowe.
1914 Bond, Edward Leachman.
1920 Borland, Robert.
1913 Bright, William.
1919 Browne, Percival Hugh.
1920 Bryce, Rt. Hon. James, Viscount of Dechmont (*h. c.*).
1920 Bulfin; Lieut.-Gen. Sir Edward Stanislaus (*h.c.*)
1919 Burtchaell, Charles Henry (*h. c.*).
1920 Chandhuri, Asvini Kumar.
1920 Delamer, Gerald FitzHerbert.
1918 Dowdall, Thomas John Anthony.
1913 English, John Charles.
1919 Facey, Nicholas Saunders.
1921 Falconer, Sir Robert Alexander (*h. c.*).
1913 Freeman, William Ludford.
1919 French, His Excellency Field-Marshal John Denton Pinkstone, Viscount of Ypres, Lord Lieutenant of Ireland (*h. c.*).
1920 Gadihuk, Mohammed Alam.
1914 Ghani, Seyd Abdul.
1918 Goligher, Hugh Garvin (*h.c.*).
1920 Gray, Brigadier-General Frederick William Barton (*h. c.*).
1921 Hopkin-James, Rev. Lemuel John.
1917 Irwin, William Mathews.
1919 Jellicoe, Brigadier-General Richard Carey (*h. c.*).

Doctors in Laws—*continued.*

1920 Jones, Hume Riversdale.
1914 Lee, Joseph Bagnall.
1914 Lucas, Ernest Charles.
1920 Macalister, Sir Donald (*h. c.*).
1917 McTighe, Robert.
1914 Mahli, Sna Ullah.
1913 Mahon, Joseph Shaw.
1915 Marshall, Rev. Edwin Ernest.
1915 May, Hon. Francis Henry (*h. c.*).
1917 Mecredy, James MacGillicuddy.
1917 Misra, Jaikaran Nath.
1919 Moran, Frances Elizabeth.
1914 Nunan, Hon. Joseph John (*h. c.*).
1913 O'Dea, Henry.
1914 Palles, Rt. Hon. Christopher, Lord Chief Baron (*h. c.*).
1913 Prenter, Neilson Hancock.
1914 Prenter, Rev. Samuel (*h. c.*).
1918 Quekett, Arthur Scott.
1914 Ross, Rt. Hon. John (*h. c.*).
1920 Scofield, Ernest Frank.
1914 Simpson, Charles Entwistle.
1913 Stafford, John Hugh.
1918 Subbarayan, Paramasiva.
1919 Wali-ullah, Mohamed.
1919 Wilson, Sir Henry Hughes (*h. c.*).

Bachelors in Laws.

(This List, taken in conjunction with that in the Special Supplemental Volume for 1912–3, gives the names of those who have taken this Degree since January, 1895.)

1914 Adams, Margaret Hilda.
1918 Aggarwala, Dwarka Nath.
1918 Aldwell, Frederick Basil.
1915 Allen, Rev. John.
1917 Assinder, George Frederick.
1918 Behl, Bhawani Das.
1918 Borland, Robert.
1913 Bright, William.
1918 Broadhead, James Arthur.
1921 Brown, John Barry.
1920 Burt, Elinor Norah.
1913 Callaghan, Arthur Nickson.
1920 Chandhuri, Asvini Kumar (*ad eund. Cantab.*).
1918 Coolican, Ethel Mary.
1916 Couser, Isobel Irene.
1914 Dagg, Thomas Sidney Charles.
1921 Davies, Rev. Joseph Gwyn.
1914 Delamer, Gerald Fitz Herbert.
1915 Deverell, Averell Katherine Slatter.
1921 Douglas, Archibald Beck.
1915 Duncan, Ida May Coffin.
1919 Facey, Nicholas Saunders (*ad eund. Cantab.*).
1913 Freeman, William Ludford.
1913 Gadihuk, Mohammed Alam.
1914 Ghani, Seyd Abdul.
1919 Gillespie, John.
1915 Glenn, Cecil William.
1920 Glynn, Patrick.
1920 Grant, Charles William.
1920 Green, Isaac.
1913 Hall, Frederick Harrison.
1915 Hamill, John Bernard.
1916 Hanlon, George.
1917 Henry, Constance Winifred Mary.
1919 Holliday, Edith.
1920 Hopkin-James, Rev. Lemuel John.
1914 Huggett, Reginald Norman.
1913 Hume, Walter Oakman.
1921 Hurley, Gertrude Charlotte.
1916 Irwin, William Mathews.
1920 Johnston, Anne Elizabeth.
1919 Kalé, Vithal Dhondo.
1913 Kapur, Kundan Lal.
1913 Keeley, James Robert.
1913 Kelly, Bryan Albert.
1914 Kelly, Denis Bernard.
1916 Kennedy, Geoffrey Launcelot.
1918 Kerr, George William.

BACHELORS IN LAWS—*continued.*

1914 Kyle, Kathleen Theodora.
1916 Kyle, Frances Christian.
1920 Leader, Leonard Leader.
1914 Lillis, Martin Arthur.
1916 Logan, Lily.
1920 Logan, May.
1914 Lucas, Ernest Charles (*ad eund. Cantab.*).
1917 McCormick, Elizabeth Ivy.
1913 M'Cullagh, Sarah Elizabeth.
1919 McKee, Harry.
1914 M'Tighe, Robert.
1915 Maginess, Henry Augustus.
1913 Mahon, Joseph Shaw.
1915 Marshall, Rev. Edwin Ernest (*ad eund. Oxon.*).
1914 Meagher, James Francis.
1914 Mecredy, James.
1913 Michell, Mary Clara.
1919 Mills, John Victor Stratton.
1917 Misra, Jaikaran Nath.
1918 Moran, Frances Elizabeth.
1913 Moriarty, Cecil Charles Hudson.
1914 Murray, Menzies.
1919 Nichols, Beryl.
1914 Noyk, Michael.
1913 Prenter, Neilson Hancock.
1919 Purefoy, Thomas Amyrald Wray.
1914 Quinlan, Patrick Francis.
1918 Rawlins, Winifred Alice.
1914 Roche, Stephen Anselm.
1913 Roundtree, Isaac.
1917 Sankara Narayana, Brahmadesam Cidamb.
1919 Scofield, Ernest Frank.
1920 Shaw, Rev. Christopher George.
1914 Simpson, Charles Entwistle.
1913 Sinkinson, James Hanson.
1920 Smith, Leta Eileen.
1916 Smyth, Thomas Alexander.
1913 Stafford, John Hugh (*ad eund. Cantab.*).
1918 Subbarayan, Paramasiva (*ad eund. Oxon.*).
1920 Teegan, William O'Mahony.
1914 Tyson, John George.
1916 Villiers, Norah Hermione Ethel.
1910 Wali-ullah, Mohamed (*ad eund. Oxon.*).
1914 Wallace, Thomas Herbert.
1921 Ward, Basil Jordain.
1920 Ward, John Frederick.
1915 White, John Malvern.
1914 Williams, Gerald Leopold.
1914 Williamson, Robert Cecil.
1918 Wright, Warren Sam Leonard.

DEGREES, LICENSES, AND DIPLOMAS IN MEDICINE AND SURGERY.

(These Lists, taken along with those in the Special Supplemental Volume for 1912–3, give the names of those who have obtained Degrees, Licenses, and Diplomas since 1800.)

Diplomates in Public Health.

1920 Alley, George Oliver Fairtlough.
1919 Beckett, Gerald Gordon Paul.
1918 Beckett, James.
1918 Bigger, Joseph Warwick.
1918 Bowie, Edgar Ormond.
1920 Boyle, Cornelius Charles.
1916 Chapman, Marjorie.
1921 Chapman, Thomas Paul.
1916 Colquhoun, Florence.
1920 Comerford, Charles Henry.
1919 Condy, Robert.
1918 Cosgrave, Alexander Kirkpatrick.
1915 Crane, Walter.
1914 Culverwell, George Hugh.
1915 Dastur, Ratan Edulji.
1920 Dormer, Percival Atkin.
1920 Gaha, John Francis.
1920 Gordon, Rupert Montgomery.
1921 Gordon, Thomas Donald.
1920 Graham, Matthew Joseph.
1920 Harkness, George Francis Innes.
1916 Haskins, Nicholas Hopkins Henry.
1920 Healy, Sylvester Joseph.
1916 Holtby, John Robert Dunn.
1917 Jackson, Robert Best.
1920 Jewell, Norman Parsons.
1918 Kane, Robert Arthur.
1914 Kapur, Kanhaya Lal.
1920 Kelly, Carlile.
1921 Kilbride, Thomas John.
1917 Kirkwood, Thomas.
1929 Lane, Patrick Joseph.
1913 Lee. Reginald Henry.
1919 Lyons, Beattie.
1920 Lyons, James.
1914 Lyons, Robert Henry Cummins.
1920 M'Carthy, Charles Joseph.
1914 McClintock, Hugh Thomas Shaw.
1920 M'Kinney, James Wilfred.
1919 M'Knight, Matthew.
1919 Marshall, Gilbert.
1917 Mellon, Bagenal Harvey.
1919 Moore, Charles Ernest.
1919 Mulholland, Henry Cunningham.
1921 Muller, Hilgard.
1915 Murphy, Edward Harnett Patrick.
1914 O'Connor, Edward.
1921 O'Halloran, Anna Mary Kathleen.
1916 Palmer, George Edward.
1920 Pengelley, Charles Edward.
1920 Power, Thomas Declan.
1920 Price, Alfred Henry.
1920 Quinn, Joseph Patrick.
1914 Richardson, Albert Victor John.
1919 Robinson, Cecil William Clements.
1913 Roche, James Dillon Knight.
1920 Rock, Patrick.
1920 Sen, Satindra Kumar.
1919 Scharff, John William.
1920 Sheppard, Mary Christina.
1913 Stanley, Herbert Vernon.
1920 Sturdee, Edwin Lawrance.
1919 Sugars, Harold Saunderson.
1920 Sutcliffe, William Henry.
1919 Synge, Victor Millington.
1920 Tottenham, Richard Edward.
1920 Walker, William Benjamin.
1919 Wright, Robert Ernest.

Diplomates in Gynæcology and Obstetrics.

1919 Chambers, Roy William.
1920 Green, John Sydney.

Doctors in Medicine.

1913 Adam, Walter Eustace.
1918 Albertijn, Andries Adrian Louw.
1913 Askins, Robert Arthur.
1918 Atkins, Robert Ringrose Gelston.
1913 Attridge, Richard John.
1921 Bantry-White, Harry Ernest.
1915 Baronsfeather, Charles Gilbert Stenhouse.
1918 Bateman, Godfrey.
1920 Beatty, Frederick George.
1921 Bevis, Clotilda Bayne.
1918 Bigger, Joseph Warwick.
1920 Bird, Jason Grant.
1921 Blackham, Olive Gertrude.
1914 Blackley, Humphrey Louis.
1917 Boyd, William Stanley.
1919 Brady, Cecil Francis Clarke.
1919 Chapman, Robert William.
1920 Chapman, Thomas Paul.
1919 Colgan, John.
1920 Collins, Herbert Stratford.
1919 Comerford, Charles Henry.
1919 Cope, Joseph Victor.
1918 Corkey, Isaac Whitla.
1914 Crane, Walter.
1920 Crawford, Herbert de Lisle.
1914 Crawford, Mabel Alice.
1915 Crichton, Brian Dodwell.
1920 Crichton, Eric Cuthbert.
1914 Culverwell, George Hugh.
1918 Daniel, Herbert McWilliams.
1917 Darling, Georgina Revington.
1920 Davidson, Andrew Hope.
1913 Davis, Frederick Abraham Grubb.
1920 Dormer, Percival Atkin.
1914 Draper, Arthur Philip.
1914 Drury, Kenneth Kirkpatrick.
1918 Duff, David.
1919 Elford, William Philp.
1920 English, Joseph Sandys.
1915 Evans, William Francis.
1914 Ferguson, Hugh Reynolds McKay.
1919 Fisher, Evelyn.
1920 Furlong, Sydney Joseph Verner.
1920 Garrod, Sir Archibald Edward (*h.c.*).
1913 Garstin, Edward James Hamilton.
1919 Gerrard, Major-General John Joseph (*h.c.*).
1921 Gill, Frederick.
1918 Gillespie, Frank Sheppard.
1920 Gordon, Rupert Montgomery.
1913 Graham, George Frederick.
1919 Gray, John.
1919 Gregg, Arthur Leslie.
1918 Grimbly, Alan Francis.
1913 Grove-White, James Herbert.
1919 Hall, Philip Augustus.
1919 Hamilton, William Joseph.
1919 Harpur, Henry Percy.
1918 Harvey, Joseph.
1913 Haughton, Samuel George Steele.
1921 Hayes, Edmund Duncan Tranchell.
1916 Hewitt, Eileen Maud.
1915 Hopkins, William Edward.
1920 Hughes, Thomas Arthur.
1914 Hunt, Langford Villiers.
1919 Irwin, Major-General Sir James Murray (*h.c.*).
1920 Jackson, Meta Grace.
1914 Johnson, Edward Sandwith.
1915 Johnson, Reginald.
1913 Kelly, James Cecil.
1913 Lane, Samuel Armstrong.
1921 Lane, Thomas Joseph.
1915 Lavy, Ernest Edward.
1921 Lawder, Trevor Abbott.
1919 Luce, Ethel Marjorie.
1920 Lyons, Robert Henry Cummins.
1920 M'Crea, Edward D'Arcy.

DOCTORS IN MEDICINE—*continued.*

1917 M'Cullagh, John Thomas.
1919 M'Donogh, Charles Lewers.
1920 M'Keag, Philip Wolfe.
1917 M'Walter, James Charles.
1919 Marks, Edward Oswald.
1913 Marrable, Harold Trevor.
1921 Mijnhardt, Johannes Tobias.
1913 Milne, Dorothy Kate.
1920 Molloy, Hastings Harley.
1921 Muller, Hilgard.
1918 Murphy, Grosvenor Fitzell Leybourne.
1917 Murphy, Patrick Kennedy.
1913 Nicholson, John Francis.
1913 Nolan, James Noel Greene.
1914 O'Brien, Charles.
1920 Ogilvie, James Carter.
1919 Pile, Charles Devereux.
1920 Pim, Douglas Chetham.
1913 Ponton, John Alfred William.
1916 Power, Thomas Declan.
1919 Price, Alfred Henry.
1920 Quinlan, Bernard Gerald.
1918 Quinn, Joseph Archibald.
1920 Rice, Henry James.
1919 Rock, Patrick.
1919 Russell, Major-General John Joshua (*h.c.*).
1920 Russell, Mortimer M'Gee.
1921 Sandes, John Drummond.
1913 Shaw, Arthur Frederick Bernard.
1914 Simpson, John Thomas.
1919 Smith, Frederick Joseph.
1914 Smyth, Reginald Osborne.
1919 Speares, John.
1919 Sullivan, Fleetwood William Porter.
1916 Sullivan, Roberts Ievers.
1920 Sutcliffe, William Henry.
1919 Swan, Major-General William Travers (*h.c.*).
1919 Synge, Victor Millington.
1919 Thompson, Major-General Sir Harry Neville (*h.c.*).
1913 Thompson, James Harloe Christopher.
1914 Tottenham, Richard Edward.
1919 Varian, Amos George.
1919 Varian, Hilda Maud.
1913 Vaughan, Reginald Tate.
1919 Vickery, Edward Percival Hadden.
1921 Walker, Victor George.
1919 Walker, William Benjamin.
1920 Waters, William Rickard Lloyd.
1919 Watson, Arthur Hubert.
1919 Watson, William Russell.
1918 Wheeler, Robert de Courcy.
1919 Wicht, William Frederick.
1914 Woodroffe, Henry Lewis Warren.
1919 Wright, Herbert James.
1914 Wright, Robert Ernest.
1919 Young, Ernest William Gilmore.

MASTERS IN SURGERY.

1915 Chance, Arthur.
1920 Corkey, Isaac Whitla.
1917 Crawford, Herbert de Lisle.
1920 Halahan, Robert Edwin.
1921 Taylor, Edward Henry (*h. c.*).
1913 Woods, Sir Robert Henry, Knt. (*h. c.*).

MASTERS IN OBSTETRIC SCIENCE.

1917 Crawford, Mabel Alice Dobbin.
1913 Haughton, Samuel George Steele.

Bachelors in Medicine, in Surgery, and in Obstetric Science.

In the following list, the insertion of *none* of the letters (*a*), (*b*), (*c*) after a name signifies that the three degrees of M.B., B.Ch., and B.A.O. have been taken. The insertion of (*a*) signifies that the degree of M.B. has been taken, the insertion of (*b*) that the degree of B.Ch. has been taken, and the insertion of (*c*) that the degree of B.A.O. has been taken. Thus (*a, b*) signifies that the degrees of M.B. and B.Ch. have both been taken. The date given is that of the taking of the first in order of the degrees of M.B., B.Ch., and B.A.O.

1919 Abrahamson, Leonard.
1921 Acheson, James Alexander.
1915 Acheson, Richard William.
1915 Adderley, Clara Beatrice Marguerite.
1916 Adderley, Esther Violet.
1919 Aidin, Abgar Read.
1916 Albertijn, Andries Adrian Louw.
1915 Albertijn, Christopher Charles
1918 Albertijn, Lindley.
1920 Allen, Eric Henry Cooke.
1914 Allen, Theodore Wright.
1915 Alley, George Oliver Fairlough.
1919 Ambrose, Charles Going.
1914 Anderson, Robert Alexander.
1914 Armstrong, James Noble.
1914 Atkins, Robert Ringrose Gelston.
1914 Atkinson-Fleming, Frederick Charles.
1920 Baile, Olive.
1921 Baillie, Emily Elspeth Grace.
1918 Banks, Harry (*antea Lic.*).
1913 Bantry-White, Ernest.
1917 Barlas, Alexander Richard.
1913 Bateman, Edgar Noel (*antea Lic.*).
1915 Bateman, Arthur Cyril.
1915 Bateman, Godfrey.
1919 Battersby, Francis John Gerard.
1913 Beatty, Frederick George.
1920 Beatty, Thomas Edward Bellingham (*antea Lic.*).
1916 Bevis, Clotilda Bayne.
1916 Bigger, Joseph Warwick.
1918 Bird, Jason Grant.
1916 Bird, Joseph Godfrey.
1917 Blackham, Olive Gertrude.
1920 Blagoff, Athanas.
1916 Blumberg, Louis.
1921 Bobbett, Patrick Mary Joseph.
1915 Boyce, Norman M'Connell.
1913 Boyd, William Stanley.
1915 Boyers, Edwin.
1913 Boyers, Hedley.
1915 Brady, Cecil Francis.
1921 Brennan, John Carson.
1917 Brennan, Joseph Roland.
1914 Bridge, George Allman.
1917 Brill, Hirsh.
1919 Brink, Cyril Daniel.
1920 Brown, Moira Mary.
1921 Browne, David John.
1914 Browne, Hawtrey William.
1914 Buchanan, George.
1914 Buckley, Charles Dudley Maybury.
1920 Burns, Elsie Anna.
1919 Burridge, Henry Alfred (*a*).
1921 Burt, Alida Charlotte.
1914 Butt, John Gillis.
1919 Byrn, William Andrew.
1919 Callanan, John Charles Joseph.
1921 Campbell, Rev. Edward Gordon.
1917 Campion, Henry Stephen.
1921 Cary, Thomas Falkland Litton.
1919 Casey, Patrick.
1915 Cathcart, William Blacker.
1917 Chambers, Charles Perceval.
1921 Chapman, Robert Sturgeon.
1914 Chapman, Robert William.
1916 Chapman, Thomas Paul.
1917 Clark, Sidney Alfred.
1920 Coetzee, Johannes Cornelius.

BACHELORS IN MEDICINE—*continued.*

1919 Cohen, Harris.
1918 Collins, Herbert Stratford.
1913 Colquhoun, Jane Florence.
1916 Comerford, Charles Henry.
1919 Coolican, John Henry.
1915 Cope, Joseph Victor.
1921 Corbet, Robert Henry Joseph Mulhall.
1915 Corkey, Isaac Whitla.
1919 Counihan, Richard.
1915 Craig, Eric William.
1920 Crosbie, John Henry Bruell.
1917 Cullen, James Arthur William.
1913 Culverwell, George Hugh.
1920 Cummins, Janie Millar.
1915 Daniel, Herbert M'Williams.
1917 Davidson, Andrew Hope.
1920 Davis, George Hall.
1921 Davis, James Carlisle.
1920 Deale, Eric William Swain.
1916 Deale, Violet Mabel.
1921 Deane, Hector Charles Chatterton.
1921 de Bruÿn, Daniel.
1919 de Kock, Jan Jacobus Gabriel.
1918 Devereux, Robert Meade Daly.
1920 de Villiers, Johannes Philippus.
1920 de Wet, Johannes Marthinus Benjamin.
1917 Dippenaar, Michiel Christoffel.
1913 Dixon, Henry Bryan Frost.
1913 Dobbin, Mabel Alice.
1914 Dockrill, John Stuart.
1916 Doran, George William.
1918 Dormer, Percival Atkin.
1914 Dougan, Frederick Robert.
1915 Dowling, William James.
1920 Dowse, Eileen Hilda.
1914 Dowse, John Cecil Alexander.
1921 Dowse, Richard Victor.
1913 Duckworth, Henry Launcelot D'Olier.
1919 Dymoke, Frederick John.
1918 Elford, William Philp.
1913 Elliott, Robert Andrew George.
1914 Elliott, William Herron.
1914 English, Joseph Sandys (*antea Lic.*).
1913 Evans, William Francis.
1920 Exner, Herbert Victor Ferdinand Franz.
1920 Feldman, Salman Louis.
1915 Fishe, Edward Gordon.
1915 Fisher, Arthur George.
1915 Fisher, Sydney Walter.
1913 Fleming, Geoffrey Montague Mason.
1914 Flood, Frederick George.
1914 Foot, William.
1914 Ford, Herbert Roycroft.
1918 Fouché, Johannes Cornelis.
1920 Fox, William Burton.
1920 Frazer, Edward Haslett.
1916 Furlong, Sydney Joseph Verner.
1916 Garde-Browne, William.
1913 Gibson, William Frederick.
1919 Gilbert, Jessie Ogg.
1918 Gill, Frederick.
1914 Gillespie, Francis Sheppard.
1919 Godbey, Frederick William.
1913 Goodenough, Charles Douglas.
1916 Gordon, Rupert Montgomery.
1919 Gordon, Thomas Donald.
1914 Goulding, Hamilton Barrett.
1920 Graham, Doris Louisa.
1915 Graham, Roland Harris.
1918 Greer, Kenneth MacGregor.
1918 Gregg, Arthur Leslie.
1920 Griffith, Nora.
1916 Grimbly, Alan Francis.
1916 Gwynn, Eileen Gertrude.
1913 Hadden, David Hamilton.
1914 Hadden, George Brownrigg.
1916 Hadden, Marie Annette.
1915 Hall, David Henry.
1916 Hall, Philip Augustus.
1913 Halpin, Richard Stopford Gilbert.
1917 Hamilton, William Joseph.

BACHELORS IN MEDICINE—*continued.*

1916 Hamilton-Johnstone, Millicent.
1914 Harris, Frederick.
1913 Harvey, Joseph.
1914 Haskins, Nicholas Hopkins Henry.
1915 Hayes, Edmund Duncan Tranchell.
1920 Haythornthwaite, Becher Fitz James.
1920 Healy, Francis.
1921 Healy, Patrick Joseph.
1916 Hennessy, David Roderick (*antea Lic.*)
1919 Henry, Rita.
1921 Herzenberg, Leo.
1918 Hill, James Michael.
1919 Hill, John Edmund.
1920 Hill, Samuel Reginald.
1917 Hill, Thomas Edward.
1920 Hirschmann, Joseph.
1915 Hoffman, Geoffrey Arthur.
1920 Hofmeyr, Harold Osmond.
1919 Hogan, William Joseph.
1919 Holmes, John Gerard.
1921 Horan, Mary.
1921 Horgan, Eric Sealy.
1915 Horne, Andrew John.
1915 Hunt, William.
1920 Jabkovitz, Philip.
1917 Jackson, Meta Grace.
1918 Jameson, James Edward.
1913 Johnson, Benjamin (*antea Lic.*).
1913 Johnson, Edward Sandwith.
1915 Johnson, Thomas William Gerald.
1913 Jones, Reginald Hastings.
1915 Joughin, George.
1913 Judd, Charles Francis.
1919 Keatinge, Gerald FitzMaurice.
1917 Keatley, John James.
1914 Kelly, Charles Patrick.
1913 Kelly, James Cecil.
1913 Kelly, Thomas James.
1916 Kidd, John Armstrong Crozier.
1914 King, Francis Joseph Ord.
1915 King, Maurice Baylis.
1916 Lane, Thomas Joseph.
1921 Latham, Donald Victor.
1920 Lavelle, Henry Allman.
1919 Laverty, Samuel John.
1914 Lavy, Ernest Edward.
1914 Lawder, Trevor Abbott.
1921 Lawlor, Alice Elizabeth.
1921 Leahy, James Daly.
1913 Leeman, Percival Garmany.
1915 L'Estrange, Francis Albert.
1921 Levitt, Percival Israel.
1920 Levy, Isaac.
1916 Lipman, Edward.
1914 Lowe, Rupert Cecil.
1917 Lubbé, Willem Petrus.
1918 Luce, Ethel Marjorie.
1914 Lumley, Eric Alfred.
1918 Lyndon, Eric James.
1921 M'Brien, Mervyn Edmund.
1914 M'Calden, Joseph Crawford Alfred.
1914 M'Carter, William Harold Raphael.
1918 M'Clintock, William James.
1914 M'Conkey, George Sidney.
1920 M'Connell, William Frederick.
1917 M'Crea, Edward D'Arcy.
1914 M'Cullagh, John Thomas.
1914 M'Cullough, David Louis (*antea Lic.*).
1917 M'Donald, Thos. Scannell.
1916 M'Donogh, Charles Lewers.
1920 M'Elwee, Daniel.
1918 M'Granahan, John Benson.
1918 M'Hugh, Fras. Assissium.
1921 M'Ilrath, Constance.
1920 Mack, Eric Stuart Ewing.
1914 M'Keag, Philip Wolfe.
1920 M'Kiernan, Thomas Hugh Robinson (*antea Lic.*).
1913 MacMahon, John Aquila.
1916 Macnamara, John Philip.
1920 M'Quade, Cecil Emrys.
1917 M'Swiney, Bryan Austin.
1915 M'Swiney, Eugene John.
1914 M'Walter, James Charles (*a*).
1914 Madden, Robt. Jn. Bowman.
1919 Madill, Thomas.
1919 Magee, Albert William Darnley.
1920 Maguire, Joseph Ballantyne.

BACHELORS IN MEDICINE—*continued.*

1913 Malherbe, Stephen John.
1915 Mannix, Edward John.
1916 Marks, Edward Oswald.
1917 Marshall, Gilbert.
1914 Martin, David Stanley.
1916 Mecredy, Cedric Cowan.
1913 Mecredy, Ralph John Richard.
1913 Merrick, Wm. Jeremiah.
1918 Merrin, Benjamin Damer.
1920 Micks, William Theodore.
1914 Miller, Henry Cecil Douglas.
1915 Mitchell, Francis Sydney.
1915 Mitchell, Herbert.
1918 Mitchell, Stanley Cyril.
1917 Molloy, Hastings Harley.
1920 Moshal, Bernard.
1918 Mulock-Bentley, Thomas.
1913 Murray, Herbert Edward.
1915 Murphy, Edward Harnett Patrick (*a*).
1916 Murphy, Frederick John.
1915 Murphy, Geraldine.
1915 Murphy, Grosvenor Fitzell Leybourne.
1918 Murphy, Louis John Patrick.
1920 Murphy, Richard Esmonde.
1919 Mynhardt, Johannes Tobias.
1915 Nash, Amy Florence (*a*).
1914 Nash, Edgar Llewellyn Foot.
1914 Newton-Brady, Arthur.
1921 Norris, Nannette.
1919 Nugent, Leslie James.
1920 Nurock, Maurice.
1915 O'Connor, Francis William.
1917 Ogilvie, James Carter.
1914 Oldham, Thomas Vicars.
1914 Oliver, John Dudgeon.
1913 O'Reilly, Charles Joseph.
1921 Panter, Thomas Whelan.
1916 Parker, Edward.
1918 Parker, Harry Lee
1918 Parr, Percy Crowe.
1917 Pellissier, Wilfred Vincent.
1920 Pemberton, William Bernard Joseph.
1913 Peyton, William de Malet.
1920 Pienaar, Frederik Wynand.
1915 Pile, Charles Devereux.
1915 Pile, Douglas Chetham.
1913 Powell, Blacker Castles.
1913 Powell, Ievan Herbert.
1921 Power, Richard Wood.
1914 Power, Thomas Declan.
1921 Pratt, Francis Young.
1918 Prentice, David Shields.
1916 Price, Alfred Henry.
1916 Pritchard, Robert William (*antea Lic.*).
1919 Quin, James Sinclair.
1914 Quin, Joseph Archibald.
1914 Quin, Joseph Patrick.
1919 Quinlan, Cecil Joseph.
1920 Radloff, Theodore.
1916 Ramsay, Robert Clement Burke.
1919 Resnekov, Reuben.
1919 Rice, Gertrude.
1917 Rice, Henry James.
1920 Robertson, Frederick William.
1915 Robinson, Edmond.
1915 Robinson, James Salmond.
1916 Roche, Thomas Galvin.
1917 Rock, Patrick.
1914 Roddy, Francis Augustus.
1918 Rollins, Ernest Edward.
1914 Ronan, Walter Joseph.
1915 Ross, Evelyn.
1921 Russell, Albert Victor John.
1916 Russell, Mortimer M'Gee.
1920 Russell, William James Alexander.
1915 Rutherford, Henry Ireland Gascoigne.
1915 Ryan, John Milo.
1914 Ryan, Michael Joseph.
1914 Ryan, Wm. Aloysius.
1921 Satchwell, Robert Henry.
1918 Scharff, John William.
1920 Scholtz, Wouter de Vos.
1921 Semple, John Mervyn.
1918 Shannon, William Alfred.
1915 Shaw, Frederic Roland Studdert.
1917 Shaw, George William Bernard.
1919 Shaw, Richard William.
1920 Shegog, Frederick William.

BACHELORS IN MEDICINE—*continued.*

1915 Shegog, Richard Wellington.
1920 Sheppard, John Farneworth.
1919 Sheppard, Mary Christina.
1914 Sheridan, Bertrand Cecil Owens.
1915 Sherowitz, Cecil Guedalla.
1919 Shortt, Charles John de Vere.
1913 Simpson, John Thomas.
1920 Small, Francis Victor.
1913 Small, James Alexander.
1919 Smartt, Robert Bevan Nangle.
1921 Smith, Edmund Cyril.
1919 Smith, Frederick Joseph.
1921 Smith, James Alexander.
1917 Smith, Paul Herbert Shelley.
1920 Smyth, Essie Stuart.
1920 Snijman, Adrian Johannes Louw.
1915 Snodgrass, William M'Elrea.
1915 Speares, John.
1915 Stanton, George.
1916 Stanton, Thomas.
1921 Stevenson, Margaretta Tate.
1913 Stewart, Richard Arthur.
1913 Stewart, William John.
1920 Steyn, Arthur Isaac.
1921 Stopford, Elinor Dorothy.
1917 Sullivan, Fleetwood Wm. Porter.
1914 Sullivan, Robert Ievers.
1913 Stubbs, Jn. Wm. Cotter.
1917 Swanepoel, Petrus Johannes.
1915 Sweetnam, Thomas William.
1918 Sweetnam, William.
1918 Synge, Victor Millington.
1917 Tabuteau, Thomas Bousfield Herrick.
1913 Taylor, Eleanor Emily.
1921 Taylor, James Benjamin (*antea Lic.*).
1919 Thompson, Albert Hugh.
1914 Thompson, Thomas James Logan.
1918 Tivy, Eric Reginald.
1914 Tobias, William Oliver.
1915 Todd, Andrew William Palethorp.
1914 Tyndall, William Ernest.
1915 Vance, Robert Lancelot.
1920 van der Merwe, Frederick Ziervogel.
1919 van der Merwe, Henry Blundell.
1914 Varian, George Amos.
1915 Varian, Hilda Maud.
1914 Vickery, Edward Percival Hadden.
1919 Vorster, Alewijn Johannes.
1915 Walker, Joseph Henry Cranston.
1919 Walker, Victor George.
1915 Walker, Wm. Benjamin.
1915 Wallace, Kathleen Dorathea.
1914 Wallace, Quentin Vaughan Brooke.
1921 Ward, Anthony Divir.
1919 Warren, Thomas James Russell.
1914 Waters, William Richard Lloyd.
1915 Watson, Arthur Herbort.
1920 Waugh, John Richard.
1914 Webb, Dorothy Emily.
1915 West, Cecil M'Laren.
1916 Westby, John Thorp.
1920 Wicht, Johan Fredrik.
1917 Wicht, William Frederick.
1921 Willock, Edith Florence.
1919 Wilson, Alfred Leopold.
1921 Wilson, Cecil Samuel.
1918 Wilson, Edward Francis.
1915 Wilson, William Fothergill.
1918 Wolfe, Margaret.
1914 Wood, George Harold.
1917 Wright, Alan Glynn.
1916 Wright, Herbert James.
1916 Young, Charles Owen James.
1918 Young, William Leech.

Licentiates in Medicine, in Surgery, and in Obstetric Science.

1917 Banks, Harry.
1915 Beatty, Thomas Edward Bellingham.
1921 Coolican, Michael Raphael.
1914 English, Joseph Sandys.
1914 Evans, Edward.
1914 Fletcher, James Henry.
1916 Hennessy, David Roderick.
1913 M'Cullough, David Louis.
1918 M'Kiernan, Thomas Hugh Robinson.
1918 Nesbitt, Robert Wallace.
1916 Pritchard, Robert William.
1917 Taylor, James Benjamin.
1916 Wier, Crosbie.

DEGREES AND LICENSES IN DENTAL SCIENCE.

Master in Dental Science.

1920 Wigoder, Lionel.

Bachelors in Dental Science.

1916 Counihan, Maurice Louis.
1919 Dorman, Irene Olive.
1917 Flavelle, Henry Erasmus.
1916 Herbert, Charles Henry.
1914 Magennis, Mary de Sales.
1918 M'Keag, Hugh Theodore Alexander.
1916 Parr, William Burleigh.
1913 Simpson, Oswald Givan Ewart.
1915 Tucker, Frederic Charles.
1917 Wigoder, Lionel.
1913 Wigoder, Louis Eli.
1914 Wright, Herbert James.

Licentiates in Dental Science.

1913 Kingston, William Young.
1914 MacNaught, Kenneth Cresdee.

DEGREES IN ENGINEERING.

(These Lists, taken in conjunction with those in the Special Supplemental Volume for 1912-3, contain the names of all persons on whom these Degrees were conferred.)

Masters in Engineering.

1913 Babington, Oscar John Gilmore.
1920 Costello, John Francis.
1920 Dawson, Lionel Edward.
1920 Ffolliott, John Hyde Robinson.
1921 Griffith, John William.
1914 Griffith, Sir John Purser (*h. c.*).
1913 Grubb, George Rudolf.
1920 Neilson, William Hardcastle.
1919 Rowan, Alfred Charles.
1918 Stoney, George Gerald (*s. c.*).

Bachelors in Engineering.

1918 Allen, David Edgar.
1915 Allen, Wentworth.
1919 Atkinson, Matthew William.
1916 Baile, George Frederick Cecil.
1916 Bergin, Charles Joseph.
1921 Bolton, Reginald Rainsbury.
1921 Bourke, Robert Gascoyne.
1915 Bradley, Joseph.
1913 Bradstreet, Gerald.
1915 Blunden, Eric Overington.
1915 Brennan, Thomas Francis.
1913 Britton, Wm. Kerr Magill.
1915 Brown, Charles.
1915 Carolin, Charles George Sinclair.
1913 Chandler, Harold Morgan.
1919 Chapman, Frederick William Barratt.
1914 Clegg, Richard Bagnall.
1916 Cole, Fleetwood John.
1915 Cope, George Ivan.
1921 Coursey, Edward Bartholomew.
1914 Craig, Isaac Murray.
1916 Craig, Malcolm Thomas.
1920 Crookshank, Henry.
1919 Deane, Edward Newenham.
1915 Deane-Oliver, Richard Edward.
1914 Dixon, Reginald Malyn.
1915 D'Olier, Brian Valentine.
1915 Doran, Walter Edmund.
1913 Douglas, Arthur Henry.
1914 Doyle, Joseph Patrick.
1913 Evans, Wm. St. Leger.
1918 Fagan, William John.
1914 Featherstone, Albert John.
1916 Ffolliott, John Hyde Robinson.
1920 FitzGerald-Lombard, Roger Edward.
1921 Fitzsimmons, William Moore.
1913 Gage, Francis Cuppage.
1913 Gardner, Eric.
1919 Gibson, Cyril Ernest (*antea Lic.*)
1913 Gilmore, George Ross.
1919 Glasgow, Benjamin George Little.
1919 Good, Frederick Newby.
1920 Greer, Fergus Ussher Morriss.
1915 Hancock, John Henry.
1921 Hay, Robert Stevenson.
1915 Hayes, Cyril Beauchamp.
1913 Hemsworth, Thos. Garrett Fredk.
1919 Howe, Norman David (*antea Lic.*).
1920 Hudson, John Richard Gibson.
1919 Jackson, Eugene Wentworth Disney.

1919 Jones, Lewis Arthur.
1920 Kavanagh, Desmond M'Murrough.
1921 Kennedy, Alfred St. John.
1914 Kiersey, Thomas.
1921 Kirker, James Alastair.
1914 Kyle, David Logan.
1916 Lewis, Henry William.
1913 Low, Gavin.
1914 Lyle, Arthur Nevin.
1921 M'Cabe, Walter.
1914 M'Cahon, Robert.
1913 MacIvor, Charles Vernon.
1920 Mackey, Cornelius Anthony.
1921 M'William, William Nicholson.
1920 Mahony, James Francis.
1916 Martin, Edward Henry.
1914 Meredith, Dermot.
1915 Moffatt, William James.
1920 Moore, Edward Dawson.
1920 Moran, John William.
1913 Morgan, Eric Basil.
1919 Morgan, William John.
1913 Morphy, Henry.
1914 Morton, David Hamill.
1917 Murphy, Dermott.
1914 Musgrave, Christopher Norman.
1915 Musgrave, Francis Edward.
1915 Neale, Charles Addison.
1921 Neligan, Maurice Victor.
1913 Nicholls, Henry.
1920 Nunan, William Alexander.
1921 Oram, Frederick St. John.
1921 Parker, Wilfred Henry Theodore.
1920 Patton, John Henry Alexander.
1918 Pierson, Henry Alfred (*antea Lic.*).
1913 Pemberton, Frederick.
1921 Plumer, Arthur Murray.
1916 Poole, John Hewitt Jellett.
1914 Potterton, William Hubert.
1914 Price, Harold Robert.
1919 Radakrishnan, Tiruvidi.
1917 Rankin, Robert Wm. Roy.
1919 Robertson, Charles Wyndham.
1915 Russell, Joshua Forbes.
1921 Sargent, Alma Kingsley.
1913 Shee, John Robert Lloyd.
1913 Smith, Lauder Benjamin Sandys.
1919 Smith, William.
1920 Smyth, Henry James.
1914 Somerville, Richard Newman.
1914 Stevenson, George.
1916 Stone, William Henry Copeland.
1914 Stringer, Albert Edward.
1921 Taylor, Edward.
1921 Thompson, Ernest St. Clair.
1913 Thompson, John Webster.
1920 Tipping, Nathaniel Drew.
1913 Tomlinson, Wm. Geo. Philip.
1920 Trayer, Benjamin Langer.
1913 Treanor, Robert Seymour Stanley.
1920 Troughton, John Herbert Watson.
1916 Twitchett, William.
1914 Vaughan, Leslie Reginald.
1921 Villiers, William Arthur Crips.
1921 Walker, Francis William.
1920 Walpole, George Frederick
1913 Watson, William.
1920 Weldon, Hugh Bradshaw.
1920 Wheatley, Richard Elliott Parke.
1913 Wilmot, Horace Francis.
1914 Woodside, James.
1913 Worthington-Eyre, Wm. Stratford.

LICENTIATES IN ENGINEERING.

1918 Gibson, Cyril Ernest.
1914 Howe, Norman David.
1914 Martin, Edward Henry.
1918 Pierson, Henry Alfred.

DEGREES IN AGRICULTURE.

BACHELORS IN AGRICULTURE.

1918 Chaloner, John Cole.
1918 Mason, Thomas Godfrey.

PROFESSORS AND LECTURERS OF THE UNIVERSITY.

Erasmus Smith's Professor of Mathematics.

1914 Stephen Barnabas Kelleher, M.A.
1917 Robert Russell, M.A.
1921 Charles Henry Rowe, M.A. (acting Professor for one year).

Donegal Lecturer in Mathematics.

1917 Reginald Arthur Percy Rogers, M.A.

Professor of Zoology and Comparative Anatomy.

1921 James Brontë Gatenby, B.A., D.Phil., (Oxon.), D.Sc. (Lond.).

Assistant to the Professor of Natural Philosophy.

1914 John Fraser, M.A.

Lecturer in Palæontology.

1913 Louis Bouvier Smyth, B.A.

Lecturers in Mathematics.

1918 Charles Henry Rowe, B A.
1919 John Lighton Synge, B.A.
1920 Timothy Stanislaus Broderick, B.A.

Regius Professor of Greek.

1915 Josiah Gilbart Smyly, Litt.D.

Professor of Latin.

1915 George William Mooney, M.A.

Professor of Hebrew.

1920 Robert Malcolm Gwynn, B.D.

Professor of Sanskrit and Comparative Philology.

1914 Hugh Canning, M.A.

Professor of German.

1915 Gilbert Waterhouse, M.A. (Cantab.).

Professor of Irish.

1919 Thomas Francis O'Rahilly, M.A. (N.U.I.).

Professor of Modern East Indian Languages.

1913 John van Someren Pope, M.A. (Cantab.).

Professor of English Literature.

1913 Wilbraham Fitzjohn Trench, Litt.D.

Lecturer in Anglo-Saxon.

1915 Gilbert Waterhouse, M.A. (Cantab.).

Lecturer in French.

1914 Janie Karolin Renton, B.A.

Lecturer in Russian.

1916 Janie Karolin Renton, B.A.

Lecturers in Italian.

1916 Thomas Brown Rudmose-Brown, M.A. (Aberdeen), D.Litt. (Grenoble).
1920 Sir Robert William Tate, M.A.

Lecturer in Languages.

1920 Walter FitzWilliam Starkie, M.A.

Erasmus Smith's Professor of Oratory.

1914 Edmund Curtis, M.A. (Oxon.).

Erasmus Smith's Professor of Modern History.

1914 Edmund Curtis, M.A. (Oxon.).

Lecky Professor of Modern History.

1914 Walter Alison Phillips, M.A. (Oxon.).

Lecturer in Modern History.

1911 Constantia Elizabeth Maxwell, M.A.

Regius Professor of Divinity.

1917 Alan Hugh McNeile, D.D. (Cantab.).

Permanent Deputy for the Regius Professor of Divinity.

1916 James George Carleton, D.D.

Archbishop King's Professor of Divinity.

1916 Newport John Davis White, D.D.

Professor of Biblical Greek.

1916 Robert Malcolm Gwynn, B.D.

Professors of Pastoral Theology.

1917 John Godfrey FitzMaurice Day, M.A. (Cantab.).
1920 Thomas William Ernest Drury, M.A.

Lecturer in the English Bible.

1916 Hugh Jackson Lawlor, D.D., Litt.D.

Donnellan Lecturers.

1914 Rt. Rev. Charles Frederick D'Arcy, D.D., Lord Bishop of Down.
1915 Rt. Rev. William Boyd Carpenter, D.D.
1916 Rt. Rev. William Boyd Carpenter, D.D
1918 Rev. Alan Hugh McNeile, D.D. (Cantab.).
1919 Rev Charles Earle Raven, M.A. (Cantab.).
1920 Very Rev. Joseph Armitage Robinson, D.D. (Cantab.).
1921 Rev. Arthur Aston Luce, D.D.
1922 Viscount Haldane of Cloan, O.M.

Subjects of the Donnellan Lectures.

1914 New Thought and Old Problems: a study of recent movement in Philosophy.
1915 Religious Consciousness.
1916 Boethius.
1918 The Russian Church.
1919 Christianity and Social Problems, 1800–1860.
1920 Barnabas, Hermas, and Didache: a study of their sources and mutual relations.
1921 Bergson's Philosophy.
1922 The Philosophical Significance of Humanism.

Reid Professor of Laws.

1914 James Anderson, LL.B. (Lond.).
1915 William Lowry, LL.B. (Q.U.B.).
1921 Michael Joseph Ryan, LL.B. (N.U.I.).

Lecturer in Civil Law and General Jurisprudence.

1920 James Sinclair Baxter, M.A., LL.D.

Regius Professor of Medicine.

1917 John Mallet Purser, M.D.

Regius Professor of Surgery.

1916 Edward Henry Taylor, M.D.

Professor of Surgery.

1916 Thomas Eagleson Gordon, M.B.

University Anatomist.

1916 Edward Henry Taylor, M.D.

Professor of Bacteriology and Preventive Medicine.

1919 Adrian Stokes, M.D.

Lecturer in Applied Anatomy.

1919 Adams Andrew M'Connell, M.B.

Chief Demonstrators of Anatomy.

1910 John Robert Dunn Holtby, M.B., B.S. (Dunelm).
1919 Isaac Whitla Corkey, M.B.
1919 William Ivon Hayes.
1920 Cecil M'Laren West, M.B.

King's Professor of Materia Medica and Pharmacy.

1921 Thomas Gillman Moorhead, M.D.

King's Professor of Institutes of Medicine.

1919 Harold Pringle, M.D.

Lecturers in Dental Surgery and Dental Pathology.

1910 Arthur Windowe Willert Baker, M.D., M.Dent.Sc.
1910 William George Theaker Story, M.B.

Lecturer in Dental Mechanics.

1910 Joseph Cockburn.

Lecturer in Orthodontia.

1910 Ernest Sheldon Friel, M.Dent.Sc.

Lecturer in Anæsthetics.

1910 Thomas Percy Claude Kirkpatrick, M.D.

Honorary Professor of Laryngology and Otology.

1916 Sir Robert Henry Woods, M.D., M.Ch.

Honorary Professor of Dermatology.

1917 Wallace Beatty, M.D.

Professor of Civil Engineering.

1921 David Clark, B.Sc. (Lond.).

Honorary Professor of Harbour Engineering.

1920 Sir John Purser Griffith, M.A.I.

Reader in Indian Law.

1913 George William Place, LL.B.

Professor of Music.

1924 Charles Herbert Kitson, M.A. (Cantab.), Mus.D. (Oxon.).

Lecturer in Education.

1916 James Maxwell Henry, M.A.

BENEFACTORS OF TRINITY COLLEGE

1913. Bequeathed by Robert Redman Belshaw, Esq., of 2 Sydney Terrace, Upper Leeson Street, Dublin, estate for the endowment of four scholarships for Divinity Students who have offered their services to the Church Missionary Society, and whose offers have been accepted. The four scholarships are to be called the Belshaw, the Beddy, the John Jacob, and the Christian Jacob Scholarships respectively.

Presented to the College, by Mrs. Edward Maziere Courtenay, a valuable collection of about 400 Orchids.

Bequeathed by Robert John Montgomery, M.B., to Trinity College and the Royal College of Surgeons, £5000 to found a Lectureship in Ophthalmology.

Presented by Francis Joseph Bigger, Esq., M.R.I.A., Ardrigh, Belfast, to the School of Anatomy, an engraved portrait, dated 1825, of Professor James Macartney, M.D., F.R.S.

1914. Presented by Richard Montague Stack Pearsall, Esq., a collection of Dental Specimens made by his father.

Presented by Sir John Winthrop Hackett, Chancellor of the University of Western Australia, the sum of £100 for the furtherance of the study of Classical Archaeology in Trinity College, Dublin.

1916. Presented by the Earl of Rosse, through the Hon. Richard Parsons, M.A., various scientific apparatus belonging to his father, the late Earl of Rosse, late Chancellor of the University.

Presented by Captain H. L. Norton Traill, to the Anthropometric Laboratory, a valuable collection of fourteen skulls from Northern Nigeria, thus filling a gap in the fine collection already in College.

Presented by Patrick W. Maxwell, M.D., F.R.C.S.I., to the School of Anatomy, a portrait of the late Sir William Turner, Sc.D. (*Hon. Causa*) of the University of Dublin, Principal of the University of Edinburgh, and for many years Professor of Anatomy at Edinburgh.

Presented by the Right Hon. Sir Edward Carson, LL.D., M.P. a Silver Cup to the Officers' Training Corps, as an appreciation of the service they rendered during the Sinn Fein Rebellion.

Presented by the Very Rev. Charles T. Ovenden, D.D., a Picture of Provost Humphrey Lloyd, painted by the donor.

Presented to Trinity College by Lady Ardilaun, a large silver centre-piece, "in memory of one of its graduates, the late Lord Ardilaun, who ever held the College in much affection."

Presented by Sir John Purser Griffith, a working model of the Twin Scherzer Rolling Lift Bridges over the Royal Canal Entrance, North Wall.

1917. Presented to Trinity College by W. Teignmouth Shore, LL.D., a handsome silver vase, which had been presented to his father by the late King Edward.

Presented by Sir John Purser Griffith, some models of the plant used by Bindon Blood Stoney, LL.D., M.A.I., in laying the great masonry blocks of 350 tons used in the construction of the North Wall extension.

Presented to the Engineering School, by F. J. Wakefield, Esq., two models of the Eastern Breakwater Light and the original Perch Light which it replaced.

1918. Bequeathed to the College by Miss Anster, a bust of her father, Dr. Anster, the well-known translator of Faust.

The Board on June 26, 1918, gratefully accepted Mr. J. R. H. O'Regan's offer of a prize, value £5 in books, to be founded after the War as the O'Regan Divinity Prize, and awarded once a year to the best answerer at the Final Divinity Examination in perpetuity, in memory of the late Archdeacon John O'Regan.

Presented by the Dowager Lady Wolseley, a three-quarter portrait of the late Lord Wolseley.

Presented by Mr. Theobald Mathew, an inscribed gold Snuff Box belonging to his father, the late Lord Justice Mathew, who "attributed much of his success to the help and encouragement he had received in Trinity College."

Given by Lady Thompson, books and pamphlets belonging to the late Sir William Henry Thompson.

Presented by Charles Atthill Stanuell, M.A., a diary extending over many years.

In July, 1917, Mr. Gerard Alston Exham, F.T.C,D., paid £100, and in March, 1918, £50 for the re-endowment of the Dompierre-Chaufpié Prize, his original endowment having ceased in 1915 to pay a dividend. He also paid £23 10*s.* for prizes in the years 1915–1918. £173 10*s.*

1919. A captured gun and some other suitable trophies of a smaller nature sent to the College by H. M. Government.

Received from Lady Ardilaun, Lord Iveagh, and Sir James Murray £130 to buy books for a French Class Library.

Given by Miss Mahaffy, a portrait of the late Provost, to be preserved in the Provost's House.

1920. His friends subscribed £300 to endow a Prize in memory of Captain Kingsmill Williams Jones, M.D., R.A.M.C., who was killed in action on August 2, 1918, while attending to the wounded in the front line.

1921. Presented by Lord Iveagh, £20,000, to be expended on baths and a bath-house or houses, at the Board's discretion.

Presented by Mrs. Minchin, £200, to found a prize in memory of her late husband, George Minchin Minchin, M.A., F.R.S.

Devoted by certain Gold Medallists of the College, their medals towards the education and advancement of the children or immediate dependants of members of the University who have fallen in the war. A sum of £1465 12*s.* was handed to the Board.

Bequeathed by Mrs. A. L. S. Woolson, of Portland, U.S.A., a collection of books and photographs associated with the Brontë family, and a sum of five hundred dollars to found a prize for the best original essay on one of the standard authors of Irish descent, or upon the Irish seats of learning prior to the time of King Alfred.

Vice-Chancellors of the University.

1919 Most Rev. John Henry Bernard, D.D. Lord Archbishop of Dublin, 1915–9.
1919 Right Hon. Sir James Henry Mussen Campbell, Bart. LL.D. 1904. M.P. for the University, 1903-1917. Lord Chancellor of Ireland, 1918.

Representatives in Parliament.

1917 Arthur Warren Samuels, LL.D.
1918 Sir Robert Henry Woods, M.Ch.
1919 William Morgan Jellett, B.A.

Provosts of Trinity College.

1904 Anthony Traill, LL.D., M.D., M.Ch. Died, October 15, 1914.
1914 John Pentland Mahaffy, D.D., Mus.D., G.B.E. 1918. Admitted Provost, November 20, 1914. Died, April 30, 1919.
1919 John Henry Bernard, D.D. Admitted Provost, June 12, 1919. Lord Archbishop of Dublin, 1915–9. President of the Royal Irish Academy, 1916. Privy Councillor, 1919.

Fellows of Trinity College.

1852 Benjamin Williamson. Resigned, October 16, 1915. Died, January 4, 1916.
1854 Thomas Kingsmill Abbott. Died, December 18, 1913.
1864 John Pentland Mahaffy. Vice-Provost, 1913. Admitted Provost, November 20, 1914.
1866 Francis Alexander Tarleton. Vice-Provost, 1914. Died, June 19, 1920.
1868 Robert Yelverton Tyrrell. Died, September 19, 1914.
1871 William Snow Burnside. Co-opted, *vice* Abbott, December 19, 1913. Resigned, December 21, 1917. Died, March 11, 1920.
1881 Louis Claude Purser. Co-opted, *vice* Tyrrell, September 30, 1914.
1882 William Ralph Westropp Roberts. Co-opted, *vice* Mahaffy, November 20, 1914.
1883 Edward Parnall Culverwell. Co-opted, *vice* Williamson, October 20, 1915.
1886 Alexander Charles O'Sullivan, M.D. Co-opted, *vice* Burnside, December 22, 1917.
1887 John Isaac Beare. Died, November 11, 1918.
1888 Robert Russell. Co-opted, *vice* Tarleton, June 22, 1920.
1890 Starkie, William Joseph Myles. Died, July 21, 1920.
1891 George Wilkins. Died, February 11, 1920.
1895 Gerard Alston Exham. Resigned, March 13, 1920.
1904 Stephen Barnabas Kelleher. Died, August 18, 1917.
1911 Samuel George Stewart. 2 Lt. R.F.A., May, 1915; Served in France, 1915–1918; Lt., Military Cross, wounded, and Bar to Military Cross, 1917; Major R.H. and R.F.A., October, 1917; killed in action, 27 October, 1918.
1913 Joseph Johnston.
1914 James Maxwell Henry.
1915 Francis La Touche Godfrey.
1919 John Joly. Admitted Fellow, February 8, 1919.
1920 Charles Henry Rowe.
1921 William Robert Fearon.

Scholars of Trinity College.

[*Non-Foundation Scholars in Italics.*]

1913.

Classics.

Kyle, John Andrew.
Stevenson, William King.
Tweedy, Cecil Mahon.
Flewett, Henry Walter.
Purefoy, Thos. Amyrald Wray.
Davis, Harold Percy Whitton.
Johnson, Sara Winifred.
Priestman, Harold Edley.
Fitzmaurice, James Gerald.

Modern Languages.

Magowan, John Hall.
Moore, Nina Joyce.
Duncan, Lilian.

Mathematics.

Bradley, Joseph.
Perry, William Millar.
Anderson, Jeanie.
Collins, Maurice.
Conlin, Bernard Francis.
Galvin, Barry St. John.
West, Arthur Eustace Lockley.

Experimental Science.

Poole, John Hewitt Jellett.
Ball, Nigel Gresley.

1914.

Classics.

Moore, Theodore Cunyngham Kingsmill.
Farrington, Benjamin.
Glen, James Alexander.
Davis, James Carlisle.
Richardson, Leopold John Dixon.
Brownell, Reginald Samuel.

Modern Languages.

Pearsall, Richard Theodore Stack.
O'Connor, Dorothy Georgina Nöel.

Mathematics.

West, James Stratford.
Moran, Francis.
Meredith, Frederick William.
Johnston, Wilfrid.
Osborne, Henry John.

Experimental Science.

Martin, Denis Richard.

1915.

Classics.

Mack, William Henry Bradshaw.
Donaldson, John Coote.
Starkie, Walter FitzWilliam.
Micks, Robert Henry.
Bailey, Kenneth Claude.
Browne, Walter FitzGerald.
Trimble, Noel Desmond.
McLean, Alexander Dewar.

Modern Languages.

Hogg, Amy.
Abrahamson, Leonard.

Mathematics.

Rowe, Charles Henry.
Funstan, Margaret Florence.
Owens, Percival Hirst.
Smith, William Leslie Winslow.
Tate, Herbert.
Beaumont, John Nelson.

Experimental Science.

Hughes, Kathleen Harriet.
Synge, Victor Millington.

1916.

Classics.

Thornton, Harold Victor.
Doak, William Burton.

Modern Languages.

Patton, Frances Petticrew.
Magowan, Jane Elizabeth.
Leventhal, Abraham Jacob.

Mathematics.

Synge, John Lighton.
Beatty, John Edge.
Wilson, Daisy.
Boyce, Alfred William.

Experimental Science.

Spence, David Sheridan.

1917.

Classics.

Irwin, Oliver Ar. Crawford.
Mack, Gordon Sylvester Bradshaw.
Laidlaw, William Allison.
Ford, Arthur Theodore Irvine.
Whitfield, Vivian.
Deane, Elizabeth.

Modern Languages.

Noble, Emily Mary.
Magowan, Mary Rachel.
Barrington, Margaret Louise.
Young, Robert Lovell.

Mathematics.

Broderick, Timothy Stanislaus.
Horan, John Beattie.
West, William George.
Butler, Annie Kathleen.

Experimental Science.

Carpenter, Géorge Kingsford.
Fearon, William Robert.

1918.

Classics.

Gibson, John Percival.
Ferguson, Robert Mervyn.
Tate, Jonathan.
Megarry, Thomas.
Johnston, Anne Elizabeth.

Modern Languages.

North, Meta Evelyn.

Mathematics.

Gibson, Cyril Ernest.
Williams, Alfred Cecil.
Walsh, Cyril Edward.
Ruben, Harry.

Experimental Science.

Bell, James.

1919.

Classics.

Kennedy-Skipton, George Stacy.
Steele, Robert William.

Modern Languages.

Oulton, Charles Cameron Courteney.
Stewart, William M'Causland.
Wilson, Aileen Dorothy May.
Noble, Elizabeth.
Finch, Ruby Violet.

Mathematics.

M'William, William Nicholson.
Ruben, Hymen.
Darlington, Arthur.
Rainsford, Angel.

Experimental Science.

Bowers, Henry.
Judge, Lucy Ruth.
M'Donald, Elizabeth.
Eyre, Cecil George.

1920.

Classics.

Beare, William.
Ffrench, Georgina Noelle Mary.
West, John Alexander.
Clayton, Muriel.
Walton, Robert Gabbett Dundonald.
Duncan, George Alexander.
Lumley, Edward Kenneth.

Modern Languages.

North, George Cecil.
Wilson, Mabel Kathleen Annie.
M'Keown, James Albert.
North, Harold Stoney.
Jones, Edward Aykroyd.
Anderson, Ivy Geraldine.

History and Political Science.

Emerson, Norman David.
Bourke, Patrick.
Lyster, Charlotte Cameron.
Maginess, William Brian.

Mathematics.

Gilbert, Thomas Travers.

Experimental Science.

Purdy, Gordon.
Holmes, William.
Lavelle, Dorothy Frances Hope.
Copeland, Mary Edith.
Watson, Hester Adelaide.
Armstrong, Anna Elizabeth.
Thrift, William Henry.
Armstrong, Henry Joseph Livingston.

Natural Science.

Brambell, Francis William Rogers.
Flood, Margaret Greer.

1921.

Mathematics.

Gillespie, Irene.
Williams, Ernest Hilles.
Willis, Sandham John.

Classics.

Ferguson, John Roulette Stanley.
Hornsby, Hazel Marie.
Shapira, Nathan.
Bayne, Alexander Wallace.
Baxter, William Smyth.

Mental and Moral Philosophy.

Leahy, Kathleen Elizabeth.
Lavelle, Alexander Bannerman.
Martin, Leslie Wallace.

Experimental Science.

FitzGibbon, Gerald.
Dixon, Patrick Kerr.
Smyllie, Alexander Walker Grahame.
Cockle, Kenneth Bernard.
Brooks, Lilian May.

Natural Science.

Clark, Arthur Edward.

History and Political Science.

Wilson, Mark.
Longfield, Ada Kathleen.
Johnston, Thomas James.
Moore, Frank.

Modern Languages.

Reid, Thomas Bertram Wallace.
Johnston, Eliza Brown Watt.
Spielmann, Ivy Valerie.

Trinity College,

July 1.

1921.

Visitors.

THE CHANCELLOR (or, in his absence, THE VICE-CHANCELLOR) and
THE LORD CHIEF JUSTICE.

Provost.

THE RIGHT HON AND MOST REV. JOHN HENRY BERNARD, D.D., ... 1919

Senior Fellows.

		Co-opted	Elected
1	Rev. Thomas Thompson Gray, M.A. . . .	1898	1862
2	George Lambert Cathcart, M.A.	1908	1870
3	Louis Claude Purser, Litt.D.	1914	1881
4	Rev. William Ralph Westropp Roberts, D.D.	1914	1882
5	Edward Parnall Culverwell, M.A.	1915	1883
6	Alexander Charles O'Sullivan, M.D. . . .	1917	1886
7	Robert Russell, M.A.	1920	1888

Junior Fellows.

1	Matthew Wyatt Joseph Fry, M.A.	1889
2	Henry Stewart Macran, M.A.	1892
3	Edward John Gwynn, M.A.	1893
	Gerard Alston Exham, M.A.	1895
4	William Edward Thrift, M.A.	1896
5	Josiah Gilbart Smyly, Litt.D.	1897
6	George William Mooney, M.A.	1899
7	William Kennedy, M.A.	1908
8	Reginald Arthur Percy Rogers, M.A.	1901
9	William Alexander Goligher, Litt.D.	1902
10	John Fraser, M.A.	1903

		Elected.
11	Ernest Henry Alton, M.A.	1905
12	Rev. Robert Malcolm Gwynn, B.D.	1906
13	George Randolph Webb, M.A.	1907
14	Sir Robert William Tate, M.A.	1908
15	Harry Thrift, M.A.	1909
16	Hugh Canning, M.A.	1910
17	Rev. Arthur Aston Luce, D.D.	1912
18	Joseph Johnston, M.A.	1913
19	James Maxwell Henry, M.A.	1914
20	Francis La Touche Godfrey, M.A.	1915
21	John Joly, Sc.D.	1919
22	Charles Henry Rowe, B.A	1920
23	William Robert Fearon, Sc.B.	1921

[*In the lists of Scholars, Pensioners, and Sizars, the number inserted before each name gives, by referring to the following table, the name of the corresponding Tutor:—*

1 *Mr. Kennedy.*
2 *Mr. Rogers.*
3 *Dr. Goligher.*
4 *Mr. Fraser.*
5 *Mr. Alton.*
6 *Sir Robert W. Tate.*
7 *Mr. H. Thrift.*
8 *Mr. Canning.*
9 *Mr. R. M. Gwynn.*
10 *Dr. Luce.*
11 *Mr. Johnston.*
12 *Mr. Henry.*
13 *Mr. Godfrey.*]

SCHOLARS OF THE HOUSE. (61)

SCHOLARS.

Senior Bachelors.

2 Broderick, Timothy Stanislaus, B.A.
3 Carpenter, George Kingsford, B.A.

Middle Bachelors.

4 Eyre, Cecil George, B.A.
1 Ford, Arthur Theodore Irvine.
7 Gibson, Cyril Ernest, B.A.
3 Horan, John Beattie, B.A.
1 Irwin, Oliver Arthur Crawford, B.A.
12 Ruben, Harry, B.A.
4 West, William George, B.A.
1 Young, Robert Lovell, B.A.

Junior Bachelors and Candidate Bachelors.

1 Bell, James, B.A.
7 Bowers, Henry, B.A.
6 Ferguson, Robert Mervyn, B.A.
1 Gibson, John Percival, B.A.
3 Kennedy-Skipton, George Stacy, B.A.
1 Laidlaw, William Allison.
5 Mack, Gordon Sylvester Bradshaw.
12 Ruben, Hymen.
7 Walsh, Cyril Edward, B.A.

Senior Sophisters.

8 Darlington, Arthur.
8 Lavelle, Alexander Bannerman.

Senior Sophisters (cont.).

3 M'William, Wm. Nicholson.
1 Maginess, William Brian.
1 Martin, Leslie Wallace.
3 Megarry, Thomas.
9 Moore, Frank.
3 North, George Cecil.
3 North, Harold Stoney.
3 Steele, Robert William.
3 Tate, Jonathan.
1 Thrift, William Henry.
8 Williams, Alfred Cecil.
9 Wilson, Mark.

Junior Sophisters.

7 Armstrong, Henry Joseph Livingston.
1 Beare, William.
5 Bourke, Patrick.
3 Brambell, Francis William Rogers.
3 Clark, Arthur Edward.
1 Dixon, Patrick Kerr.
9 Emerson, Norman David.
7 Gilbert, Thomas Travers.
1 Holmes, William.
6 Jones, Edward Aykroyd.
1 Lumley, Edward Kenneth.
6 M'Keown, James Albert.
7 Purdy, Gordon.
1 Stewart, William M'Causland.
10 Walton, Robert Gabbett Dundonald.
9 West, John Alexander.
4 Williams, Ernest Hilles.
7 Willis, Sandham John.

Senior Freshmen.

6 Bayne, Alexander Wallace.
7 Cockle, Kenneth Bernard.
3 Duncan, George Alexander.
6 Ferguson, John Roulette Stanley.
7 Fitzgibbon, Gerald.
2 Johnston, Thomas James.
4 Reid, Thomas Bertram Wallace.
5 Shapira, Nathan.
7 Smyllie, Alexander Walker Grahame.

Junior Freshman.

3 Baxter, William Smyth.

NON-FOUNDATION SCHOLARS.
(27 *women.*)

Senior Bachelors.

3 *Barrington, Margaret Louise,* B.A.
1 *Flood, Margaret Greer.*

Middle Bachelors.

6 *Noble, Elizabeth,* B.A.
5 *Whitfield, Vivian,* B.A.
1 *Wilson, Aileen Dorothy Mary,* B.A.

Junior Bachelors.

3 *Copeland, Mary Edith,* B.A.
3 *Finch, Ruby Violet,* B.A.
3 *Johnston, Anne Elizabeth,* B.A.
7 *Judge, Lucy Ruth,* B.A.
8 *Lavelle, Dorothy Frances Hope,* B.A.
1 *Lyster, Charlotte Cameron,* B.A.
3 *M'Donald, Elizabeth Mary,* B.A.
3 *North, Meta Evelyn,* B.A.
7 *Watson, Hester Adelaide,* B.A.

Senior Sophisters.

3 *Anderson, Ivy Geraldine.*
7 *Armstrong, Anne Elizabeth.*
10 *Longfield, Ada Kathleen.*
12 *Rainsford, Angel.*
3 *Wilson, Mabel Kathleen Annie.*

Junior Sophisters.

7 *Brooks, Lilian May.*
5 *Clayton, Muriel.*
3 *Ffrench, Georgina Noelle Mary.*
3 *Gillespie, Irene.*
3 *Johnston, Eliza Brown Watt.*
10 *Leahy, Kathleen Elizabeth.*
7 *Spielman, Ivy Valerie.*

Senior Freshman.

12 *Hornsby, Hazel Marie.*

DOCTORS AND MASTERS.

Thus marked (*) *have been Fellows.*

D. D.

Lawlor, Hugh Jackson.
McNeile, Alan Hugh.
White, Newport John Davis.

LL. D.

Bastable, Charles Francis.
Baxter, James Sinclair.
Campbell, Rt. Hon. Sir James Henry Mussen.
Carson, Rt. Hon. Sir Ed. Henry.
Madden, Right Hon. Dodgson Hamilton.
Samuels, Rt. Hon. Arthur Warren.
White-King, Sir Lucas.

M. D.

Craig, James.
Purser, John Mallet.
Moorhead, Thomas Gillman.
Pringle, Harold.
Taylor, Edward Henry.

Sc. D.

Dixon, Andrew Francis.
Dixon, Henry Horatio.
Werner, Emil Alphonse.
Young, Sydney.

Litt. D.

*Bury, John Bagnall.
Trench, Wilbraham Fitzjohn.
Waterhouse, Gilbert.

M.Ch.

Woods, Sir Robert Henry.

M.A.

Brown, Edmund St. Clair.
Classon, William Herbert.
Crook, Robert Francis.
Curtis, Edmund.
Dawson, William James.
Dockrill, John.
Jennings, John Andrew.
Mackintosh, Henry William.
Moore, William.
Parker, George William.
Phillips, Walter Alison.
Pope, John van Someren.
Richardson, Leopold John Dixon.
Rudmose-Brown, Thomas Brown.
Smyth, Louis Bouvier.
Starkie, Walter Fitzwilliam.
Wilson, Thomas Henry.

A list of the Doctors and Masters whose names are retained on the College Books, in accordance with the Decree of the Provost and Senior Fellows, dated January 22, 1859, and amended on January 13, 1872, will be found under the head "Senatus Academicus."

PENSIONERS.

Candidate Masters, Senior and Middle Bachelors.

(41 *men.*)

3 Armstrong, John, B.A.
5 Benson, Ernest Edmondson, B.A.
13 Cheyne, John Donald Edmund, B.A.
1 Dobbyn, Alexander Lee.
3 Elliott, James.
3 Elvery, William Malcolm Moss.
3 Felton, Robert Evan.

Candidate Masters, Senior and Middle Bachelors (contd.).

13 FitzGerald, George Francis, B.A.
4 Goode, John Evans, B.A.
1 Hamilton, Noble Holton, B.A.
9 Hill, Frederick Charles.
8 Howe, Norman David, B.A.
7 Jones, Alexander Thomas, B.A.
4 Kelly, Augustine Patrick, B.A.
7 Kirker, James Alastair, B.A.
9 M'Cormick, Francis Harpur, B.A.
1 M'Cormick, John Eric, B.A.
10 M'Cormick, Victor Ormsby, B.A.
3 Maguire, Robert Augustine Joseph, B.A.
1 Maitland, Walter.
1 Meade, Mayo Francis, B.A.
8 Milmo, Dermod Hubert Francis.
4 Minch, William, B.A.
2 Moore, David Lucius Henry.
3 Moore, Edward Dawson, B.A.
6 Moran, John William.
2 Ratcliffe, Cecil Wentworth Gordon, B.A.
5 Ruby, James Henry, B.A.
1 Saunders, George Francis Thomas, B.A.
1 Sharpe, William M'Cormick, B.A.
4 Stevens, William Pearson, B.A.
3 Stewart, John Frederick.
9 Strong, Herbert William, B.A.
2 Swanton, Austen, B.A.
1 Walker, Hubert Lawrence, B.A.
1 Walker, Maurice Cecil, B.A.
1 Ward, Henry Rowlands, B.A.
3 Waters, George Frederick, B.A.
8 Wilson, Logie Weir, B.A.
8 Woodburn, David Barkley, B.A.
13 Wright, Robert Lancelot Gerrard, B.A.

Candidate Masters, Senior and Middle Bachelors (contd.).

Junior Bachelors and Candidate Bachelors.

(2 *women* + 101 *men* = 103.)

11 Athey, Rowland.
10 Atkinson, John Noel.
1 Bennet, John Leslie, B.A.
3 Birney, Herbert.
1 Bluett, Augustus Sterling.
6 Bluett, Douglas, B.A.
10 Bourke, Robert Gascoyne, B.A.
1 Bradlaw, Albert Stanley.
1 Bridge, Allman Vizer, B.A.
7 Buchanan, William Oliver.
4 Callaghan, Robert William.
2 Campbell, David, B.A.
1 Craddock, Cecil Graham.
1 Craig, John Russell, B.A.
4 Dale, John Francis, B.A.
8 Dawson, William James Eric, B.A.
7 Dench, Reginald Arthur, B.A.
1 Denroche, Ivan George.
2 Downey, Ernest Harold.
10 Duffey, Hugh, B.A.
10 Easby, Frederick Thomas, B.A.
1 Edwards, Geoffrey Dixon.
2 Fitzpatrick, Richard William, B.A.
4 Foster, Albert Victor.
10 Freeburne, Albert Edward.
7 Gillespie, Joseph Cecil, B.A.
12 Gleeson, Daniel Joseph.
2 Grime, Allan Godfrey, B.A.
5 Hall, Herbert, B.A.
5 Hall, James Beatty, B.A.
1 Hamel-Smith, Lionel Frederick, B.A.
4 Hamilton, Basil Long, B.A.
5 Hammond, Richard Frederick, B.A.
3 Hanna, William John, B.A.
9 Hanretté, Wilfred Edmund, B.A.
10 Hayden, Denis Henry Gryffydd.
12 Head, Alfred Joseph.

Junior Bachelors and Candidate Bachelors (contd.).

2 Heatley, Robert Arthur.
1 Humpherson, Sydney Frederick.
2 *Irwin, Florine Isabel*, B.A.
10 Johnson, Lionel Stewart, B.A.
1 Johnston, Terence Greer, B.A.
8 Johnston, Thomas Ernest, B.A.
1 Johnston, William Walker Cuthbert, B.A.
8 Kelly, James Joseph Patrick.
3 Kenny, George Gordon, B.A.
5 King, Charles Hume.
12 Laing, John Joseph, B.A.
3 Lawther, James Murphy.
5 Lloyd-Blood, Launcelot Ivan Neptune, B.A.
3 Lyndsay, David Victor.
1 McCarthy, Thomas Paul, B.A.
7 M'Connell, Alfred, B.A.
2 M'Greevy, Thomas, B.A.
3 *McIntyre, Eleanor Jane.*
9 M'Manaway, James Godfrey.
3 Madden, John Eusebius, B.A.
1 Maguire, William Henderson, B.A.
3 Maule, William Grant.
3 May, Thomas William.
8 Mein, Charles Benjamin, B.A.
5 Methven, Colin Thomas.
10 Milligan, George.
1 Moran, George Septimus, B.A.
5 Moran, Thomas Whitley, B.A.
9 Mounsey, John Milburn, B.A.
6 Murphy, Henry James Leopold, B.A.
10 Mustoe, Nelson Edwin.
4 Neligan, Maurice Victor, B.A.
9 Norris, Crawford, B.A.
9 Noyes, Edwin Brownrigg, B.A.
8 O'Donel, William James, B.A.
4 Parker, Cyril Brien Denis.
4 Perdue, Ernest Lewis, B.A.
4 Phillips, John Skelton, B.A.
5 Power, Richard Wood, B.A.
12 Ross, Harold Æmilius, B.A.
12 Saayman Donald Harvey, B.A.

Junior Bachelors and Candidate Bachelors (contd.).

4 Sharkie, Joseph Henry Faussett.
8 Smith, Philip Norbert, B.A.
1 Smith, William Harden, B.A.
7 Smyth, Herbert, B.A.
13 Stokes, Henry Alban, B.A.
10 Synnott, Frederick William.
2 Taylor, Edward, B.A.
7 Thompson, Ernest St. Clair, B.A.
1 Thompson, John Douglas, B.A.
7 Tipping, Nathaniel Drew, B.A.
8 Todd, Alfred Henry Norman, B.A.
1 Walker, Francis William, B.A.
1 Walker, Henry James, B.A.
10 Wallace, Patrick.
3 Ward, Richard Percyvale.
3 Warham, Thos. Gerald, B.A.
9 Watson, Hugh M'Murray.
10 Westropp, Hugh Thomas George, B.A.
8 Wheatley, Richard Elliott Parke, B.A.
10 Wheeler, George Bonneforde.
10 Whitby, Jonathan Montagu Ferdinand, B.A.
1 Williams, James Valentine, B.A.
1 Wilson, Crawford Lunham Law, B.A.
2 Wilson, Dominick Patrick Sarsfield, B.A.
1 Wilson, Leslie, B.A.

Senior Sophisters.

(40 *women* + 214 *men* = 254.)

2 Agranat, Abraham.
1 Anderson, Richard William Eric.
2 Ashbee, Hugh Guy Neville.
8 Barrett, Reginald James.
6 Beatty, William.
6 Beresford, Harold Douglas.
1 Best, Francis Olphert.
3 Best, James Cecil Corbett.

Senior Sophisters (contd.).

7 Bewley, Maurice.
8 *Bingham, Dorothea.*
11 Bingham, Edward William.
6 Bird, George Armitage.
8 Bird, Harold Theodore.
3 Blackall, George.
7 Bowie, Edgar Ormond.
3 Boyd, Patrick Gardner.
9 Brabham, Frederick William Schofield.
7 Bradshaw, Eric Jean.
12 Brentnall, Leslie Charles.
3 Brolly, James.
4 Browne, Herbert Macaulay.
7 Burgess, Richard Llewellyn.
3 *Burt, Alida Charlotte.*
7 Butler, Walter Anthony.
8 Cairnduff, Andrew.
2 Callaghan, Thomas Edmonds.
1 Campbell, Evan Lockhart.
6 Carroll, John Vincent.
7 Carson, Robert George.
10 Charters, Robert James.
11 *Chenevix-Trench, Margaret Isabell.*
1 Cherry, Richard Theodor.
12 Clancy, Aubrey John Joseph.
4 Clarke, Harold Watson.
3 Classon, Eric.
7 Collins, Desmond Joseph.
12 Collins, John Victor.
4 Coolican, Michael Raphael.
3 Cornick, Isaac.
8 *Cowan, Margaret Lucretia.*
1 Crawford Francis Charles Boyd Lindsay Brown.
5 Crawford, Richard Ronald Dawson.
5 Dagg, Thomas William.
8 Dale, Henry William Loftus.
12 Davidson, Samuel.
2 De Bruijn, Theunis.
2 de Villiers, Izak Frederik Albertus.
12 Devlin, David.
12 Dickson, William Arthur.
3 Dickson, William Sydney.
8 Dillon, John Joseph.
4 *Dillon-Leetch, Mary.*
10 Douglas, Hugh Lawford.

Senior Sophisters (contd.).

3 *Douglas, Mary Kathleen.*
8 Downer, William Henry.
7 *Downing, Alice Mary Angela.*
12 Drotske, Allen Erasmus.
10 Dudgeon, Edward Caulfield.
1 Duff, Arthur Knox.
7 Duke, Francis Vincent.
9 Duncan, Alan George Douglas.
5 Du Plessis, Charles Johannes.
3 Eliassoff, Martin Helmer.
2 Elion, Max.
3 Evans, Charles Leonard.
9 Evans, Samuel Stewart.
3 Falkiner, Ninian M'Intire.
3 Falvey, Dermot Francis Judge.
9 Faulkner, Robert Hogg.
10 Ferraro, Francis William.
2 Ffolliott, Charles Henry.
9 Flewett, Robert King.
6 Fouché, Petrus Hendrik Stephanus.
7 Gallivan, Michael.
5 Gamble, George Sidney.
3 Gardner, Alexander.
10 Gardner, Hubert Edward.
12 Gets, Charles Gerard.
3 Getty, John Boyd.
7 Gibbons, Frank.
7 Gilcriest, John.
3 *Gilcriest, Norah Mary.*
2 Gilmour, William Alexander.
11 Glasgow, William Robert Black.
7 Goodbody, Philip Marcus.
3 *Grant, Florence Helen.*
1 Greeves, Norman Mellor.
12 Gregory, Joseph Richard.
10 *Griffin, Annie Elizabeth.*
7 Griffith, Benjamin Cobbe.
9 Griffiths, Richard Cecil Lewis.
2 Haig, Ernest.
9 Haddick, James Emmet Kirkwood.
5 Halpin, John Ralph.
7 *Harcourt, Mary Helen.*
5 Harkness, William Frederick Samuel.

Senior Sophisters (contd.).

9 Harman, Samuel Thomas Sarsfield.
3 Harper, James.
8 Harris, Louis.
8 Haskins, Launcelot William Roe.
8 Hawthorne, Alexander.
4 Hay, Robert Stevenson.
10 Henderson, Alexander Victor Simpson.
8 Heyman, Lazarus.
7 Higginbotham, William Harold Spencer.
7 *Hill, Kathleen Edna.*
3 *Hirsch, Mary Rickards.*
10 Hofman, Jacob.
6 Holtsbaum, Francis Peyton.
13 Howe, Percy Harold.
2 Hugo, Daniel.
1 Hurst, Alfred Thomas.
3 Hutton, Eric.
7 Irvine, Gilbert Marshall.
3 Jackson, Robert Tennant.
8 Johnston, Arthur William.
2 Jones, Cecil Vernon Hope.
2 *Jones, Emma Kathleen.*
12 Joyce, Thomas Michael.
2 Keely, Rooney Edward.
2 Kevin, Charles Kilronan.
6 Kinghan, Robert William.
8 *Kirke, Merle Haddis.*
11 Krige, Hendrik Nicolas.
2 Kruger, Julius.
4 Landau, Ernest Myer.
3 *Lawler, Bertha Harriet.*
3 Lawler, Robert Edward.
8 Lawrence, George Russell.
1 Leared, Donald Ivon.
5 Lee, Alfred Tennyson.
4 Leonard, Thomas Richard.
6 *Leslie, Kathleen Margaret Bulfin.*
1 Lindsay, Andrew Watson.
13 Loftus, Ernest Achey.
8 *Lohan, Mary.*
3 *Longmore, Thomasina.*
6 Loubser, Cornelius Johannes Nicolaas.
12 Louw, Matthijs Petrus.
13 Loveridge, Claude Warren.
4 Lyall, Robert Edwin.

Senior Sophisters (contd.).

12 Lynas, Samuel.
3 Lyons, Robert Biggart.
8 M'Caldin, Cecil William Roberts.
8 M'Clure, William James.
2 M'Combe, Arthur Hill.
8 M'Crea, William Baker Edward.
3 M'Curdy, Andrew.
5 *MacDermott, Hilda.*
6 M'Entee, John Charles Joseph.
7 M'Kegny, Edgar Watt.
2 M'Kenny, Howard St. George.
6 MacKenzie, Kenneth Fitzgerald.
8 MacKenzie, Rubin Scott.
3 *M'Laughlin, Agnes.*
3 *MacLaughlin, Mary Kathleen.*
7 M'Manus, Diarmid Arthur.
3 M'Mullen, David Hamilton.
11 Maguire, John George.
12 Malan, David John.
11 Malcomson, James.
3 Mann, Alfred Weller Mussen Stanley.
12 Markey, Reginald John.
5 Martin, Francis Cyril.
7 Martin, Henry Meredith.
7 Mayne, Isaac.
7 Millar, Richard Gerald.
9 Miller, Joseph Samuel.
7 Molony, Hugh Francis.
4 Monks, Anthony Benedict.
3 Moorhead, Robert James.
6 Murdock, Frederick Victor.
3 Murphy, Laurence William Raymond.
5 Nesbitt, Francis Albert Slade.
3 Nimmons, Joseph.
4 O'Connor, Joseph Michael.
6 *Olphert, Mary Richmal.*
1 Oram, Frederick St. John.
13 O'Sullivan-Beare, Donal Barry.
7 O'Sullivan, William Bradley.
10 Ovendale, Cecil Arthur Victor.
11 Ovendale, Charles Eustace.

Senior Sophisters (contd.).

2 Owens, Ruben Hirst.
1 *Park, Mary Florence.*
7 Passau, John.
3 Patton, William Francis.
8 Phillips, Laurence.
5 Pigot, David Richard.
7 *Pigott, Lucy Elizabeth Rainsford.*
5 Plummer, John Orme.
3 Powell, Michael Gerard John.
6 Praia, Duarte.
1 Preston, George Elystan.
1 Rainsford, Seymour Grome.
6 Rauch, Jan Hendrik.
1 Reid, Charles John.
3 *Reid, Martha.*
6 Renton, Harold.
3 *Riddall, Eva Isabel.*
6 Robb, George Cecil.
5 Robinson, Arthur Herbert.
7 Robinson, Robert Crawford.
8 Robinson, Victor.
8 *Roe, Helen Maybury.*
1 *Ronaldson, Jenny.*
4 Ronan, Stephen George.
1 Russell, John Gerald.
11 Russell, Joseph George.
3 Russell, Samuel Wilfrid.
2 Sacks, Izak George.
8 Sayers, Joseph.
8 Sayers, Max.
1 Scott, Samuel Russell.
4 Seale, Richard.
3 Seymour, Frederic Wilfred.
2 Shaw, Jack Cecil Middleton.
8 Shepherd, Joseph Mackey.
1 Shirley, Paul.
9 Smith, Frederick William Gordon.
2 *Smith, Norah Mary.*
3 Smith, William Grant.
3 *Speedy, Isabella Hogg.*
5 Stals, John Hendrik.
6 Stazunsky, Leopold.
9 Stewart, Alan Darnley.
1 *Stokes, Isabel Barbara Susan.*
7 *Stuart, Charlotte Annie.*
12 Sullivan, Anthony Joseph.
3 *Thompson, Kathleen Redfern.*
5 Trimble, Ailwyn Egerton Copeland.

Senior Sophisters (contd.).

7 Tuke, John Henry Burland.
1 Van der Merwe, Philip Paul.
1 Varian, Ralph Werge.
12 Viljoen, Mauritius Meiring.
1 Villiers, Arthur William Crips.
2 Vercueil, Leon Olivier.
2 Walker, Robert Reginald.
2 Wallis, Timothy Charles.
11 Ward, Egerton John.
8 Warner, Joseph Alfred.
1 Watson, John Lysander Albert.
3 *Weatherill, Gladys.*
1 Weldon, Samuel Gerald.
5 Whaley, William Frederick.
6 *Wigoder, Sylvia Beatrix.*
6 *Wilkinson, Winifred Norah.*
3 *Wilson, Victoria Jane.*
8 Wood, Albert Victor.
3 *Woodburn, Elizabeth.*
8 Woods, John Harold Moore.
9 Wright, James Wilson.
1 Wright, Ruthven Alexanderson.
3 Wynne, Wilfred Edward.
3 *Young, Augusta Maud.*

PENSIONERS.

Junior Sophisters.

(59 *women* + 204 *men* = 263.)

3 *Abernethy, Norah.*
6 Allen, William Arthur.
11 *Alper, Minnie.*
3 Anderson, John.
12 Anderson, Wilfred Harpur.
7 Ardill, George Herbert.
10 Asherson, Asher.
10 Aykroyd, William Ruddell.
1 *Bailey, Frances Ethel.*
10 Bernstein, Alexander.
11 Bingham, Samuel Ernest.
11 Blackwell, Joseph.
5 Blair-White, Cyril Walter.

Junior Sophisters (contd.).

3 *Booth, Dorothy Jane.*
7 Booth, John James.
1 Boyd, Donald Wm. Parker.
8 *Boyd, Eileen Agnes.*
6 Brady, Albert James Stephens.
5 Brandt, Reginald Reginald John.
7 *Brangan, Eileen.*
3 Brereton-Barry, Ralph.
5 Brown, Frederick George.
8 Burke-Gaffney, Henry O'Donnell.
4 Byrne, Joseph Connell.
2 Calvert, George William.
2 Campbell, Harold Ernest.
5 *Carolin, Grace Frances.*
13 Cochrane, William Lyons.
5 Coetzee, Louis Johannes.
11 Copeland, Ely Goodman.
2 Cotter, Herbert Thomas.
6 Craig-M'Feely, William Norman.
2 Crampton, George Hugh Cecil.
5 Crawford, Edward Sydney Atkinson.
3 *Crawford, Sara Eveline.*
5 Crofton, Patrick Gardner.
7 Dagge, James Tennant.
5 Daly, Michael Bernard.
6 Darragh, Herbert John Cecil.
6 Deale, James Edward.
4 *Deane, Annie Teresa.*
11 Devlin, Robert Ernest.
3 Dickie, Robert Kelso.
10 Dickson, James Alfred Nicholson.
6 *Disney, Marion Longridge.*
12 Diver, Walter Stewart.
3 Dixon, Henry Rowland.
8 Dixon, William Samuel.
8 Downer, Eric Christopher.
1 *Dromgoole, Alice Mary Elizabeth.*
2 Du Toit, Jan Andries.
8 Earl, John Cecil St. George.
10 Egerton, Thomas Henry.
2 Eksteen, Albert Wynard.
5 Ellis, Alexander Reuben.

Junior Sophisters (contd.).

3 Fayle, Benjamin William Day.
9 Fisher, Robert Lucius Carey.
8 FitzGerald, James Joseph.
5 Fletcher, Gilbert Maxwell.
7 Foley, Albert Morris.
9 Fox, Maurice Digby.
2 Freedman, Tobias.
10 Freeman, John Horace.
10 Freeman, John William.
11 *Fulton, Jane.*
6 Gabbé, Siegfried Donald.
2 Gahan, Edward John Beresford.
3 Gallaugher, William.
1 Gaynor, Joseph Alfred.
10 Geffen, Samuel Michael.
6 *Gelston, Ellen Mona.*
3 Geoffroy, Charles Henry.
6 Gerrard, Maynard Atkinson.
11 Gillespie, George Fitzroy.
4 Gilmour, Oswald Wellington.
8 Glanville, Robert Ranulf.
7 Glasgow, John Stanton.
6 Gluck, Bernard.
7 *Gluckman, Cecilia Reva.*
11 Gordon, Charles.
10 Gordon, Jack Moir.
4 *Green, Elizabeth.*
7 Griffin, Robert Leake.
6 Grobler, Paul Johannes.
2 Hafner, Etienne Rodolphe.
7 *Hamilton, Sara Elizabeth.*
11 Hanna, David.
1 *Hanna, Matilda Olivia.*
1 Hanna, Robert Kennedy.
11 *Harcourt, Elizabeth.*
1 *Hardy, Mary Enid.*
7 Harte, Campbell M'Pherson.
12 Harte, Joseph.
3 Harte, Robert William.
6 Hazley, John Bradley.
5 Heard, Kenneth Wingfield.
12 Heaslip, John Ganly.
10 Hegy, Reginald.
3 Henry, Robert Francis Jack.
8 Hill, Alexander George Glendon.
11 *Hinchy, Violet May.*
2 Hodgman, Jan Hendrik.
12 Hopkins, William Joseph.

Junior Sophisters (contd.).

3 Houston, James.
8 *Howe, Esther Clare Louise.*
3 Huggett, Edward Dunstan.
1 Hugo, Hans Jacob.
6 Hutton, Geoffrey Frank.
1 Hyde, Raymond James Garnet.
1 Ingham, Charles William Joseph.
5 Isaacson, Henry.
7 Jackson, Cyril Ashworth Lyndon.
13 Jaffe, Mossy.
1 *Johnson, Victoria Maud Mary.*
9 *Joly, Lucy Mary.*
1 Kahn, Robert.
7 Kalmanson, John.
5 *Kelly, Agnes Leeper.*
2 Kent, Richard Roberts.
9 Kirk, William Maxwell.
2 Kohlberg, Herbert.
5 Labuschagne, Paul Nicolaas Harm.
4 Lamb, Norman Willie.
3 Large, Lionel Derrick.
1 *Laulor, Beatrice Kathleen.*
10 Leonard, John Andrew.
8 Lenihan, Michael.
6 *Leslie, Mary Isabel.*
7 *Levingston, Nora Elsie.*
12 Levitt, Jack Abraham.
11 Levitt, Lionel Samuel.
1 Lewin, Harold.
2 Lipschitz, Reuben.
3 Little, Frederick.
7 Lloyd, Owen Acheson.
1 Lyons, Desmond Kenny.
8 M'Alpine, Edward.
6 M'Caig, Albert Edward.
9 MacCarthy, George Payton.
1 M'Caughey, William.
11 M'Cauley, James Ewart.
8 M'Clure, Charles Archibald.
4 MacDermot, Charles John.
1 *MacDonogh, Ethel Mary Nöel.*
8 M'Dowell, David.
7 M'Elroy, Robert Samuel.
6 M'Keag, Robert Humphreys.
13 M'Kenna, James O'Neil.
11 M'Kinney, David.

Junior Sophisters (contd.).

3 MacLaughlin, David Mackey.
3 M'Master, Harry.
8 M'Quillan, Cecil James.
3 *Madden, Olive Mary.*
3 *Madill, Elizabeth Powell.*
3 *Malone, Eileen.*
13 Malone, Francis Laurence Gerard.
7 Manley, John Abraham.
3 Mann, George Frederick Greer.
2 Marais, Ivan.
10 Marin, Israel.
8 Marks, William Frederick Waters.
4 Marshall, James Lister.
3 Martin, Thomas James.
4 Mather, John Arthur.
2 Maunsell, Richard Lucius Dixie.
2 Mellett, Edmund.
1 Micks, Edward Christopher.
11 *Miller, Lucy Evelyn.*
3 *Milne, Elizabeth.*
7 Milne, John Desmond Beresford.
3 Mitchell, Frederick Julian.
10 Mollan, Charles John Gabriel.
10 *Mooney, Evaline Elizabeth.*
7 Moore, Robert Joseph.
3 Moore, Thomas George.
7 Moore, Thomas Ernest Ottiwell.
2 Morgan, Austin Arthur.
1 Morris, Bernard.
11 *Murison, Kathleen Duffers.*
7 *Murphy, Dorothy Elizabeth.*
4 Narunsky, Solomon.
3 Nelson, Herbert.
3 *Noble, Eileen.*
5 Nunan, Manus.
6 *O'Callaghan, Mary Louise.*
9 O'Connor, Michael Anthony.
4 O'Donnell, Albert Edward.
3 O'Meara, Francis Joseph.
3 *O'Neill, Margaret.*
8 *Osborne, Isabel.*
9 Packard, Denzil Edward.
1 Palmer, Alfred Kingsmill.
7 Pentony, Edward Joseph.
12 Pim, Richard Pike.

Junior Sophisters (contd.).

13 Popham, Frederick Stephen.
10 *Porter, Rachel Elizabeth.*
3 Powell, Gerard Alphonsus Aloysius.
4 Prost, Arthur Greiveldinger.
10 Pugh, Josiah John.
9 Puxley, Henry Waller Lavallin.
9 Rankin, George Douglas.
10 Rice, Bernard Alexander.
8 *Rice, Ina Castelpane.*
2 Robinson, George.
10 Roseman, Hyman Solomon.
10 Samolsky, Percy.
8 Sayers, Louis Philip.
5 Scales, Eric Wilfrid.
7 Schwartzberg, Maurice.
4 *Scott, Jeanie Morrison.*
10 *Shanks, Alexandra May.*
9 *Sharkie, Margaret Josephine.*
3 *Sharpe, Jeannie.*
3 *Simpson, Kathleen.*
3 Sloan, Gerrard Andrew.
1 *Smith, Isobel Gillespie.*
1 Smith, William Percival.
8 Smyth, John Herbert.
3 *Smyth, Mary Margaret.*
11 Somerville-Large, Philip Townsend.
1 Speedy, William Dinwoodie.
3 *Spence, Annette Irene Greer.*
3 *Steen, Frances Evelyn.*
9 Stewart, Ralph William Trueman.
3 *Stirling, Annette Elizabeth.*
13 Strasburg, Israel.
7 Strong, Charles Eric.
7 Stuart, John Latimer.
1 Switzer, Ernest Vivian.
3 Tate, William.
11 Taylor, Charles Leo.
5 Taylor, Wentworth Alexander.
2 Ternan, Alfred William Maunsell.
1 *Thrift, Dorothy Maude.*
3 Tickell, Geoffrey Hill.
7 *Tipping, Rebecca Elizabeth.*
3 *Twiss, Martha Violet Blake.*
2 Van Druten, Nicolas Jan Valkenburg.

Junior Sophisters (contd.).

5 Van Heyningen, Cecil Gerardus Sophie.
5 Vellema, Douwe Marinus.
2 Vivier, Barend.
1 *Wagener, Maria Elizabeth.*
1 Wagner, Philip Fred Henry.
11 Wall, Thomas Raymond.
8 Wallace, John Barkley.
1 Warrington, Robert Cecil Usher.
11 *Watson, Kathleen Beatrice.*
6 Watson, Robert Parker.
8 Weir, John Ross Hastings.
3 Werner, Louis Joseph Emil.
9 West, Timothy.
3 Whitsitt, Leslie Montgomery.
5 Wicht, John Ditton.
5 Williams, Richard Patrick.
6 Williams, Robert George.
7 Williamson, Richard John.
8 Wilson, Carmichael.
9 Wilson, Robert Noble Denison.
6 *Wilson, Ruth Elizabeth.*
1 Wilson, Thomas George.
5 Woods, John Lowe.
12 *Wright, Dorothy.*
13 Wulfsohn, Max.

Senior Freshmen.

(54 *women* + 227 *men* = 281).

7 *Adams, Frances.*
9 Adderley, Reginald Campbell Stopford.
4 Addison, Albert.
1 *Addison, Jeanie Isabella.*
6 *Aldworth, Annie Eileen.*
3 Anderson, Cecil MacGeagh.
1 Anderson, Eric Lytton.
8 Arbuckle, Harold Baird.
3 Archer, Ernest Thomas James.
13 *Armstrong, Henrietta,*
2 *Ball, Kathleen.*
11 Bamford, Gordon Paul.
1 *Barbour, Violet Muriel.*

Senior Freshmen (contd.).

5 Barrett, Henry Baillie.
6 Barton, Dunbar Patrick.
10 *Beattie, Annie Helena.*
6 *Beere, Thekla June.*
4 Beggs, Samuel.
5 Bell, Albert Henry.
7 Blake, Edgar Valentine Myles.
5 Boland, Carol Richard.
10 Bond, Francis Willoughby.
8 Bourne, Donald James.
6 Bowesman, Gerald William Johnston.
12 Bowesman, Henry Noel.
10 Bowyer, John Herbert.
8 Boyd, Samuel Reginald.
10 *Bradshaw, Winifred.*
7 Brough, Lewis Cresswell.
2 Browne, O'Donel Thornley Dodwell.
7 Browne, Reginald Lindsay.
10 *Brunskill, Eileen Rhoda.*
3 Brunskill, Kivas Richardson.
3 *Byrne, Kathleen Rose.*
7 Caddoo, James Douglas George.
3 Caldwell, Charles M'Neill.
3 Carson, John Henry.
12 Carson, Roy Knox.
5 Carter, Richard George Henry.
1 Chance, Oliver.
4 *Clarke, Evelyn Maud.*
2 *Cochrane, Florence Evelyn Maude.*
3 Cochrane, William Ernest.
3 Coen, William Henry.
8 Cohen, Morris.
13 Collins, John Cornelius.
4 Coolican, Arthur Martin.
10 *Cooper, Isobel Olga.*
6 *Coote, Amy Mildred Kildahl.*
3 Coulter, Geoffrey Hugh Matthew.
11 Cowan, George Abraham.
3 *Craig, Gladys Lillian.*
8 Craig, James.
1 *Crawford, Angel Valentine Brown.*
2 Crawford, Thomas George Brown.

Senior Freshmen (contd.).

3 Cresswell, Harold Percival.
1 Crompton, Abraham Alexander.
5 Cronin, Richard Thomas.
11 Crossett, Robert.
4 Crowley, Arthur.
8 Cunningham, Robert Alfred.
12 Cusack, James Joseph.
11 Cussen, Denis John.
11 Cussen, John.
11 Cuthbert, Joseph.
7 Davis, James Seymour.
13 Dearnaley, Walter James.
13 Delany, Cyril Joseph Augustine.
6 Dennard, Leslie David.
8 Downer, James Henry.
6 Duncan, Kenneth Blackwood.
3 Duncan, William Linn.
10 Dunlop, Joseph.
1 *Dunn, Edith Norah Campbell.*
13 Dutt, Dhan Raj.
4 Eccles, Gerrard Macklin.
13 Eliason, Joseph Elias.
3 Elkin, Edward Leonard.
6 Ellerker, Henry Graham.
13 Ellis, Edward Alfred.
5 Eyre, John Moore.
13 *Fair, Aileen.*
6 *Fenton, Norah Edith.*
2 Ferguson, Henry Arnot.
5 Fitzpatrick, Samuel Helen.
4 Fleming, Ian Torrens.
8 Foster, John Edward.
12 Franklin, Mark Augustus Patrick.
13 Franklin, Robert Vincent.
5 Gaffney, Niall Seumas.
4 Gallagher, William Richard Gorringe.
2 Gibson, George Francis.
3 Gill, Arthur Charles.
11 Girling, Ernest Frederick.
2 *Graham, Sara.*
2 Gray, Arthur Richardson.
6 Gray, Ian Bury.
11 Gregan, Muirceartach.
9 Griffin, Charles Whittaker.
11 Gurevich, Solomon.
1 Hallanan, Eric.
7 Hamilton, Gerald Henry.

Senior Freshmen (contd.).

4 Hanna, John Ridgway.
4 Harris, Standish Alan.
8 Haskins, John Begley.
10 *Healy, Eileen Mary.*
13 Henry, Robert Noel.
10 *Hewat, Elspeth Violet Duxbury.*
11 Higgins, Richart Burnett.
6 Hogan, Robert Simon.
13 Hooper, Arnold Walter Seville.
1 Hopkins, William Arthur.
12 Horwich, Jerreth.
1 *Hudson, Sybil Naomi Victoria.*
8 Hughes, Henry.
11 Hughes, John.
2 Hutton, Wilfred Noel Maxwell.
12 Ievers, Robert Aloysius.
9 Jenkins, Raymond Gordon Finney.
4 Johnston, John.
9 Johnston, John Moore.
8 *Johnston, Margaret Louise.*
3 *Johnston, Violet.*
8 Joubert, Gideon Jacobus.
2 Joyce, Charles James.
7 Judge, Robert.
12 Keatinge, Desmond La Couse.
6 Keatinge, Leslie Reginald Heber.
6 Keeley, James Joseph.
1 *Kerr, Olive Gwen olen.*
12 Kidd, James Don ld.
4 Kieran, Edward Austin.
11 Kierans, Vincent Daly.
6 Killingley, Arthur Victor Greratt.
7 *King, Dorothy Shana.*
9 King, Ivory Hammond Alexander.
9 King, John Godfrey.
9 Lamb, John William.
13 Lawlor, John Elliot Cairnes.
3 Lawrenson, Leslie Robert.
4 Leonard, John Aldworth.
10 Leonard, Simon Aloysius Benedict Francis.
3 *Livingston, Mary Cecilia.*
1 Logan, Victor William.

Senior Freshmen (contd.).

7 Long, John Samuel.
1 Lowry, Hubert Steen.
13 Luttrell, Norman Glanville.
6 M'Alister, James Daniel Beaton.
7 *MacBride, Anna Marjorie.*
5 M'Causland, Charles Edward.
3 M'Curdy, John.
1 M'Donald, James David.
9 M'Dowell, George Ronald.
9 M'Dowell, James Gillespie.
10 M'Farland, George Gibson.
13 *M'Farlane, Dorothy.*
9 M'Kane, Herbert John.
10 Mackay, Archibald Hector Macdonald.
10 M'Kenna, John Arthur
2 Mackenna, Frederick Severne.
13 MacMahon, James Francis.
4 M'Mahon, William John Alexander.
13 Magowan, Samuel Edgar.
11 Maguire, William Joseph.
12 Maher, Matthias Aidan.
4 Mannix, Austin Joseph.
10 Martin, William George.
7 Matthews, Frederick Duncan.
11 Maxwell, William George Smith.
1 *Meade, Enid Kathleen Mary.*
1 Meares, Keith Munro.
5 Medcalf, Sidney Haighton.
4 Meldon, Charles Vivian.
8 Middleton, Samuel Henry Windrum.
8 *Miller, Mary Swan.*
8 Montgomery, Edward George.
3 Montgomery, William Andrew
3 Mooney, Alan Joseph.
2 Moore, Cecil Robert.
4 Moore, Geoffrey Arthur.
1 Morris, John Vincent.
1 Morris, Joseph.
1 Moss, Arthur Watson.
2 *Moss, Gladys Eveline.*
5 Murphy, Thomas Vincent.
6 Neligan, John Bourke.
6 Nevin, Harry Millar.
13 Nolan, Daniel.

Senior Freshmen (contd.).

2 O'Connor, Dermot John Patrick.
5 O'Connor, Finton Michael.
7 *O'Connor, Frances.*
5 Odbert, Arthur Noel Birchel.
10 *O'Kane, Patricia.*
5 O'Reilly, Thomas James.
6 Ormsby-Scott, Richard Deane-Freeman.
10 Osborne, William Henry.
3 Panter, Noel Douglas.
3 *Paskins, Louisa Emily.*
10 Patrick, John Brian.
3 *Pedlow, Margaret Ethel.*
4 Perrot, Henry Stanislaus.
3 Pettigrew, John Simpson.
10 Phillips, Elijah Cromwell.
7 Pienaar, Barend Petrus.
11 *Pigott, Jean Jessie Weilesley.*
4 Piel, Paul Douglas.
8 Pim, Jonathan.
10 Potts, William Charles Gorman.
8 Power, David Norman.
6 Proctor, Richard Louis Gibbon
6 Purcell, Frederick Michael.
5 Randel, Charles Seymour Patrick.
2 *Rankin, Grace Jessica.*
1 Redmond, William Alexander
10 *Robb, Adelaide Maud.*
3 Robinson, Archibald.
7 Robinson, Philip Bernard.
3 *Roddy, Helena Mary Gertrude.*
13 Roe, William Thomas.
8 *Ross, Kathleen Marjorie.*
3 Rudd, Eric Thomas Sutherland.
5 Russell, Alan Watson.
4 *Ryan, Margaret.*
8 Schaffer, Rudolph.
1 *Scott, Norah Alicia.*
12 *Scott, Norah Emily Carlton.*
9 Scott, Walter Sidney.
5 Shackleton, John Gaily.
13 Shafik, Ahmed Ahmed.
2 Sheehan, Bernard Geoffrey.
10 Shegog, George Brice.
11 Sherowitz, Maurice.
10 Simpson, Irwin Edward Paget.

Senior Freshmen (contd.).

5 Sless, Morris.
3 Sloan, George Berkeley.
3 Sloan, James Gilmore.
9 Smith, Henry St. George.
10 Somerville-Large, William Collis.
5 Squires, Stanhope Sabine.
5 Stanistreet, Henry Arthur.
6 Stapleton, Edward Eric.
11 Steele, John Leslie Fisher.
1 Steen, Robert Elsworth.
11 St. Clair, John.
11 Stewart, Douglas Samuel.
1 Stokes, John Everard.
9 Studdert, Augustine John de Clare.
6 Studdert, de Clare Hallam.
3 *Studdert, Mary Frances.*
12 Swanepoel, Pieter Frederik.
9 Tate, Davis Dederick.
1 Taylor, William Sinclair Ritchie.
1 Templeton, John Herbert.
10 *Thomas, Ella Sybil Valentine.*
3 Thompson, Hugh Richard.
3 Thompson, Robert Gordon Ffolliott.
5 Townsend, George William Hughes.
6 *Trant, Hope.*
3 Tweedy, Richard Thomas Pilkington.
13 Tyndall, Charles John.
1 Vanzijl, William James.
1 Van Rensburg, William Johannes Janse.
9 Wade, Thomas Gustavus Rochfort.
4 Walmsley, George Cecil.
8 Walsh, Edmund Joseph.
1 Warrington, William Oswald.
1 *Warwick, Dorothy Eileen.*
11 Waters, Harry.
8 Webner, Ralph Adolph.
5 Wigoder, Simon.
3 Wilde, Otto Gruber.
8 *Wiley, Jeanie Alice Constance Thomasina.*
7 *Williams, Enid Victoria.*
7 Willis, Frederick Roberts.
1 Wilson, Charles Herbert.

Senior Freshmen (contd.).

1 *Wilson, Mabel Annie.*
11 *Wilson, Mary Kathleen.*
11 Wilson, Robert Mervyn.
1 Wolseley, Charles William.
3 Wood, William Stuart.
2 Wynne, Charles Acton.

Junior Freshmen.

(57 *women* + 163 *men* = 220.)

1 Acheson, William M'Causland Edward.
13 Alcock, Richard.
6 Allardyce, Ransome Macnamara.
10 *Ardagh, Eileen Ambrose.*
1 Batten, George Cuthbert.
7 Beckett, Frank Edward.
13 Bell, Noel Gonne.
11 Bennett, John Orr.
7 *Black, Mary Saunderson.*
3 *Bohane, Doris.*
4 Boland, Charles Richard.
1 *Boston, Annie Elizabeth.*
8 Brooks, Arthur Burnley.
13 *Brown, Alice Gaynor Griffith.*
1 Brown, Charles Bell.
3 Brown, James Lamont.
7 Burrows, Cecil James.
2 *Butler, Cecil Dorothy.*
8 *Byrne, Marguerite.*
7 Byrne, Thomas Brendan Kevin.
2 Cant, Robert Douglas.
7 Carbery, Jerome Francis.
3 *Connolly, Evelyn Elizabeth.*
6 *Conran, Mary.*
10 Corballis, Philip Patrick Joseph.
3 Corbet, John Dermot Mulhall.
6 Cosbie, Maurice Hastings.
10 Craddock, Sydney Graham.
10 Craig, Cecil Henry Stewart
13 Cummins, David Patrick.
3 *Dalgity, Jessie.*
7 Davies, Edward Frederick.

Junior Freshmen (contd.).

6 Davison, John Cecil.
1 Dick, James.
8 Dickson, Thomas Eric.
4 Dillon-Leetch, William.
1 Doherty, Reginald Joseph Saunders.
10 *Donaldson, Margaret Hazel.*
1 Donovan, Charles Ernest.
8 Dowds, John Alexander.
8 Egan, Aubrey Denis.
1 Eliassoff, Siegfried George.
1 *Ennis, Mary Catherine.*
7 Eyre, Ernest Henry.
7 Falkiner, Richard Hone.
12 Feeley, John James.
10 *Fisher, Mary Margaretta.*
5 FitzGerald, Gerald.
1 *FitzGerald, Hariette Mary Geraldine.*
4 FitzGerald, Joseph Anthony Kevin.
8 FitzGerald, Thomas Sinclair.
3 Freer, Leslie Gordon Potterton.
3 *Galvin, Mary.*
12 Gardner, Andrew Allen.
7 Gardner, George Sheridan.
13 Garry, Joseph Augustus.
3 *Gibb, Mary Stewart.*
6 Gibbon, Nathaniel Alcock.
7 Gilcriest, William Ronald.
5 Godfrey, William Edward.
12 Goff, Eric Noel Porter.
5 *Good, Bertha.*
13 Graham, Dudley Patrick Sinclair.
13 Greer, William Derrick Lindsay.
6 Gregg, John Bainbridge.
7 Griffin, Gerald Charles Leake.
11 Griffith, Gerald Victor Alexander.
3 Hadden, Robert Evans.
1 Hall, Ernest Hamilton.
10 Hardy, Brian Leslie.
6 Harriss, Dermot Marshall.
3 Harte, Charles Christopher.
7 Harte, Edward Henry.
7 Hayes, George Dowzer.
5 Hayes, Richard James.
3 Healy, Lewin Edward Alton.

Junior Freshmen (contd.).

3 Heatley, Seymour Frederick.
6 Henry, William Alexander.
7 Huddie, Robert John.
13 Jameson, William Sinton.
10 Johnson, Richard Henry Ardagh.
5 Johnson, William
1 *Johnston, Christine Martha.*
3 *Johnston, Louise Palmer.*
6 Johnston, William Donovan.
10 Jordan, Samuel Aubrey.
11 Joyce, John Stanislaus.
1 *Joynt, Helen Alexandra.*
10 Keays, Richard George.
6 Kelly, Robert Patrick.
12 Keown, Thomas James Whitney.
6 Kidd, Walter Hartland Phillips.
7 *Kilkelly, Patricia.*
6 Knight, William Alexander Young.
13 Lamont, Frederick Hugh.
8 Langtry, Herbert James.
3 *Lawrenson, Gladys Frances Marian.*
7 Leebody, John Welsh.
8 Levis, Thomas George.
13 Liddy, Joseph Francis Frederick.
3 Long, John Oliver Horner.
1 Lowe, John Bethel.
6 *Lowry, Gladys Mary Agnes.*
13 *Lowther, Nancie Newton.*
4 M'Allister, Norman.
8 M'Caldin, Charles Frederick Dermot.
10 *M'Cartan, Emily Eileen.*
1 MacCarthy-Morrogh, Francis Denis.
1 MacCarthy-Morrogh, James Ruth.
11 M'Cauley, Menzies Llewellyn.
2 M'Clenaghan, Noel Ernest Longworth.
12 M'Donald, George.
7 M'Dowell, John Robinson.
7 M'Dowell, Thomas Whitley.
6 *M'Entire, Dorothy Alexandra.*
5 M'Guire, Robert Ely.

Junior Freshmen (contd.).

1 *M'Intosh, Marjorie Louise Elizabeth.*
3 M'Intyre, William Percival Edwin.
13 MacKenzie, Derek St. Clair.
3 *M'Laughlin, Beatrice May.*
3 MacMaster, John Sinclair.
6 Magowan, William.
7 Mahony, Geoffrey John Comyn.
7 Malone, Ernest Evans.
3 Martin, Derrick Macartney.
6 Martin, Richard Louis.
7 Mather, Norman James Urquhart.
4 Meleady, John Joseph.
10 *Meredith, Una Carew.*
11 Millikan, John.
6 Mitchell, Robert Hollingsworth
6 Moore, Richard Malam.
7 Morris, George Wall.
3 Moynan, Raymond Gore Ouseley.
7 Muntz, Cecil Dudley.
10 Nason, John William Washington.
1 *Nightingale, Florence.*
5 O'Dwyer, John Joseph.
8 O'Hare, John Hyacinth.
8 O'Keefe, Richard Patrick.
12 *O'Toole, Kathleen.*
13 Oulton, Gerald Richard Courtenay.
10 Packham, William Alfred.
10 Palmer, Philip Francis.
13 Patterson, Francis Jennings.
5 Pearse, Edward Allen Robert.
11 Peet, Edward Rayne.
6 Perry, Hugh St. Maur Moore.
7 *Pike, Margaret Walker.*
1 *Pim, Mary Sophia.*
6 Prenter, Charles William Emerson.
3 *Price, Agnes Robina.*
5 *Price, Grace Lilian.*
10 Pringle, Alfred Denis.
10 *Purdon, Elizabeth Geraldine.*
7 *Purdy, Kathleen Ismenia.*
3 Quinlan, David Alphonsus O'Connor.

Junior Freshmen (contd.).

10 *Rainsford, Alice Mary.*
2 Ratthaus, Isaac Fisher.
3 Rawlins, Charles Emmerton.
8 Reid, Robert John.
13 Roantree, William Bernard.
2 Robb, Wilfrid Ewart.
13 Robinson, George.
5 Roche, Henry Joseph.
5 Rogerson, Keith William.
5 *Ross, Stella Christine.*
5 *Russell, Muriel Maud.*
1 Russell, William.
13 Satchwell, Ernest Edward.
1 Savage, John.
6 Scanlan, Philip Francis.
2 *Scholefield, Eleanor Dulcie.*
11 *Scott, Kathleen Holmes.*
13 Seon, Sidney Osborne.
8 Shannon, George Frazer.
3 Sloan, Wolsey Cornwall.
3 *Smith, Eileen.*
5 Smith, John Fay.
10 Smyth, Andrew Ralph.
6 Smyth, Donald Thomas.
10 Somerville-Large, Lionel Becher.
2 Sparrow, Robert Francis Garnett.
10 *Spielman, Doreen Lilias.*
1 Spiller, George Heazle.
7 Spurr, George Patrick.
8 Stafford, Thomas Joseph Leo.
12 *Stanley, Louisa Anne Margaret.*
3 *Stokes, Nora Patricia.*

Junior Freshmen (contd.).

3 *Stokes, Seraphina Elizabeth Mary.*
6 Strettan, John Simpson.
1 Stuart, Archibald.
4 Stuart, Ian Malcolm.
1 Sythes, John Henry.
1 Taylor, Gerald Osbrey.
6 Taylor, Wentworth William Arbuthnot.
3 *Ternan, Geraldine Francis Maunsell.*
2 Tighe, Charles Herbert.
13 Torrens, Robert George.
11 *Troddyn, Susan Roe.*
7 *Turnbull, Kathleen Collister.*
7 *Tweedy, Lorna Hastings.*
13 Twohig, Joseph Patrick.
5 Vanston, Eric Marcus.
5 *Vanston, Vivien Violet.*
3 *Wade, Hariot Chute.*
8 Walker, Cecil Raymond.
1 Wallace, John.
10 Walmsley, George Alexander.
5 *Walsh, Eva.*
5 Ward, Edward Davies.
13 *Watchorn, Clare.*
8 Watson, David M'Cloy.
7 Wells, John Edward.
5 Welply, William Henry.
10 *White, Violet Margretta.*
2 Wilson, Charles Frederick Moore.
10 Wilson, Henry Martin.
8 *Woodroofe, Emily Jane.*
10 Young, Charles ffolliott.

SIZARS AND EX-SIZARS.

6 women + 47 men = 53

EX-SIZARS.

Junior Bachelors and Candidate Bachelors.

1 Ballantine, James.
7 Brunner, Basil Leonard.
3 McClenaghan, Herbert Eric St. George.
7 Plumer, Arthur Murray.
3 Stevenson, Archibald M'Corkill.
4 Whitfield, Lionel Digby.

SIZARS.

Junior Sophisters.

7 Hutchinson, William Edward.
11 Leventhal, Solomon.
1 Tomkin, Harris.

Senior Freshmen.

3 Byron, Francis Thomas.
7 Crampton, William Edward.
1 Dowse, Richard Henry.
3 *Gordon, Alice.*
1 Kennedy, Cyril Ormonde.
3 North, Athol Erling.
12 *Oxley, Elizabeth.*
1 Speedy, James.
7 Taylor, John.
4 Troughton, Arthur Stanley.
10 *Weinberger, Eva.*
7 Young, Robert Marcus.

Junior Freshmen.

3 Baker, Hugh Cuthbert.
3 *Bland, Eirene Alethea.*
1 Buchanan, John Pillar.
1 Buchhalter, Simon William.
5 Coleman, Philip.
3 *Cooney, Johanna Stockhem*
7 Erritt, William Albert.
7 Hallidy, Joseph Campbell.
7 Hodgins, James Thomas.
7 Leathem, James
7 Miller, George Arthur.
3 Troughton, John Frederick George.
7 Wilde, John Frederick.

Rising Junior Freshmen.

7 Anderson, Alfred Milburn.
4 Brown, Robert Edmund Dickson.
4 Clarke, Thomas Herbert.
1 Curran, Patrick Joseph.
7 Jessop, William John Edward.
5 Jones, Ivan Ellis.
7 Mitchell, William Geddes.
1 *O'Connor, Anna Hadassah.*
12 Proctor, William Cecil Gibbon.
12 Rainsford, Hume Frederick.
10 Weinberger, Ernest Joseph.
4 West, Edward Percival.

REID SIZARS.

Senior Freshmen.	*Rising Junior Freshmen.*
7 M'Carthy, Norman Roberts.	7 Girling, Frank Edward.
7 MacDonnell, John Anthony.	7 Hilliard, Robert Martin.
7 Mair, Robert Wallace.	6 Willis, Oscar Dermot MacCarthy.
8 Sutton, Charles David.	

Total number of Students on the College Books, under the Degree of M.A. :—

Women :—	Non-Foundation Scholars, ...	27	
	Pensioners, ...	212	245
	Sizars and Ex-Sizars, ...	6	
Men :—	Scholars of the House, ...	61	
	Pensioners, ...	950	1058
	Sizars and Ex-Sizars, ...	47	
			1303

LIST OF STUDENTS IN MEDICINE NOT ON THE BOOKS IN ARTS ON JULY 1, 1921.

First Year.

Dowds, John Alexander.	M'Lean, Alexander Dewar.
Farrell, James Patrick.	

Second Year.

Armstrong, James Septimus.	Isaacson, Isaac Jack.
Aykroyd, Wallace Ruddell.	Jackson, Robert Victor.
Beatty, John Eric.	Lee, Alfred Edward.
Black, Irene.	Levingston, John Learmonth.
Boyle, James Caird Carson.	M'Cullagh, William Lennox.
Bradlaw, Mark Joseph.	M'Dermott, Samuel.
Bradshaw, John Russell.	M'Donald, Christina.
Bramall, John.	M'Farland, George Gibson.
Brittain, Mabel Elizabeth.	M'Kenna, Francis Hector.
Clinch, James Daniel.	Mulhern, Maureen Claire.
Coleman, Samuel.	O'Grady, James Joseph.
Condon, John Patrick.	Perrem, Frederick Channon.
Crawford, John.	Quigley, John.
Dobbyn, Alexander Lee.	Seligman, Joseph.
Evans, David Cynfarwy.	Sinclair, Wilfred.
Foster, Thomas Cartret.	Taylor, William Hamilton Hepburn.
Fullam, William John.	Thompson, John Knox Stafford.
Garde, Godfrey Walter.	Wallace, James Waldo.
Golding, Joseph Jack.	Warnock, Robert.
Harris, Alexander Ian.	
Hemmingway, Douglas Lennox.	

Third Year.

Bell, Louis MacSherry.
Crichton, Robert Young.
Dockrell, Anne Dorothy.
du Plessis, Pieter Coetzee.
Harvey, Edward (Clk.).
Henry, Dorothy Isabel.
Ingham, Richard Henry Joseph.
Jordan, George Robert Leslie.
M'Auliffe, Noel Goodisson.
Micks, Robert Henry.
Pope, Richard Alexander Dennistoun.
Sillery, Iris Eldina.
Smith, William Leslie Winslow.
Wallace, Caleb Paul.
Williams, Norman Ernest Hamilton Powell.

Fourth Year.

Bewley, Arthur Geoffrey.
Brady, Hugh Redmond.
Brunton, Charles Eason.
Callanan, William Edward.
Cockle, Beryl Frances Emily.
D'Arcy, Francis Bertram.
Dijkman, Cornelis Derksen.
Dockrell, Alice Evelyn.
Dorman, Dorothy Charlotte Hobart.
Fair, Olive Victoria.
Hill, Rupert Leo.
Hilliard, Francis Maybury.
Hillis, Charles Rexter.
Holmes, William Edward.
Lemon, Ruth.
MacCarthy, Charles Thomas.
Malone-Barrett, Francis.
Murphy, Cyril James Ussher.
Murphy, William Allen.
Myers, Izidore Phineas.
Odlum, Muriel Vere.
Powell, May Evelyn.
Sibthorpe, Marjorie Francis.
Villet, Charles Theodore de Mornêt.

Fifth Year.

Baker, Robert Ruckley.
Bouchier-Hayes, Margery.
Briggs, William Bruce (Clk.).
Brock, Christopher John Lawrence.
Burns, William Richard.
Deane, Joseph Eugene.
Devane, James.
Dundon, Harry Cristol.
Fausset, Robert Evatt.
Flavelle, Ruth Florence.
Hanna, Henry Lyle.
Hogan, William Thomas.
Holland, Doris.
Jamison, Samuel Wallace.
Kaplan, Max William.
Kirker, Gilbert.
Lait, John.
Lang, Richard.
Malherbe, Gideon Clement.
Menary, Vera Gladys May.
O'Meara, Robert Anthony.
Robinson, George Cyril Brereton.
Spence, David Sheridan.
Stuart, John Henry James.
Tucker, Frederick Charles.
Watson, John Desmond.
Wigoder, Lionel.
Wills, James Robertson.

Entrances.

1920–1921.

1921 Acheson, William M'Causland Edward.
1921 Alcock, Richard.
1920 Allardyce, Ransome Macnamara.
1921 Allen, Charles Frederick.
1921 Appelbe, John William.
1921 Arbuckle, Harold Baird.
1920 Baker, Hugh Cuthbert.
1920 *Barbour, Violet Muriel.*
1921 Batten, George Cuthbert.
1920 Baxter, William Smyth.
1920 Beck, Cyril Moore.
1920 Beckett, Frank Edward.
1920 Bell, Noel Gonne.
1920 *Black, Mary Sanderson.*
1921 Blackmore, Thomas Maitland.
1920 Blake, Edgar Valentine Myles.
1920 *Bland, Eirene Alethea.*
1920 *Boggan, Margaret Patritch.*
1920 *Bohane, Doris.*
1920 Boland, Charles Henry.
1920 *Boston, Annie Elizabeth.*
1920 Bowyer, John Herbert.
1921 *Boyd, Marjorie Ruth Elizabeth.*
1920 Brown, Charles.
1921 *Brown, Norah Winifred.*
1920 *Browne, Alice Gaynor Griffith.*
1920 Buchanan, John Pullar.
1920 Buchhalter, Simon William.
1921 Burns, Edward.
1921 Burrows, Cecil James.
1921 Burstein, Nathaniel.
1921 *Butler, Cecil Dorothy.*
1920 *Byrne, Marguerite.*
1920 Byrne, Thomas Brendan Kevin.
1921 Caldwell, Charles M'Neill.
1920 Cant, Robert Douglas.
1921 Carbery, Jerome Francis.
1921 Carson, John Henry.
1920 Casey, Leo Joseph.
1920 Chance, Oliver.
1921 Cochrane, William Ernest.
1920 Coleman, Philip.
1920 *Connolly, Evelyn Elizabeth.*
1920 *Conran, Mary.*
1920 *Cooney, Johanna Stockham.*
1921 Corballis, Philip Patrick Joseph.
1920 Corbet, John Dermot Mulhall.
1920 Cosbie, Maurice Hastings.
1921 Cowan, David.
1921 Cowan, Louis Daniel.
1921 Cowan, Maurice Charles.
1920 Craddock, Sydney Graham.
1920 Craig, Cecil Henry Stewart.
1921 Cromie, Robert Andrew.
1921 Crossett, Robert.
1920 Crowley, Allan Hall.
1921 Cuningham, John Copeland.
1921 *Cunningham, Alice Veronica.*
1920 Davies, Edward Frederick.
1920 Davison, John Cecil.
1921 *Dean-Oliver, Margaret Esther Silver.*
1920 Devlin, Robert Ernest.
1920 Dickson, Thomas Eric.
1920 Doherty, Reginald Joseph Saunders.
1920 *Donaldson, Margaret Hazel.*
1920 Donovan, Charles Ernest.
1921 Drumgoole, Maurice Colman.
1921 Duncan, Kenneth Blackwood.
1920 *Duncan, Sarah Maud.*
1921 Dundon, Hyman.
1921 Dunlop, Joseph.
1920 Dutt, Dhan Raj.
1920 *Egan, Aubrey Denis.*
1921 Eliason, Joseph Elias.
1920 Eliassoff, Siegfried George.
1921 Elkin, Edward Leonard.
1920 *Ennis, Mary Catherine.*
1920 Erritt, William Albert.

1920 Eyre, Ernest Henry.
1920 Falkiner, Richard Hone.
1921 Falkiner, Robert Travers.
1920 Feeley, John James.
1920 *Fisher, Mary Margaretta.*
1921 FitzGerald, Gerald.
1921 FitzGerald, Joseph Anthony Kevin.
1920 *FitzGerald, Hariette Mary Geraldine.*
1921 *FitzGerald, Mary Eva.*
1920 Freer, Leslie Gordon Potterton.
1920 Gallaugher, William.
1921 Gardner, George Sheridan.
1921 Gibbon, Nathaniel Alcock.
1921 *Gifford, Margaret Kathleen.*
1920 Gilmour, William Alexander.
1920 Godfrey, William Edward.
1921 Goff, Eric Noel Porter.
1920 *Good, Bertha.*
1920 *Gordon, Edith Muriel.*
1920 Graham, Dudley Patrick Sinclair.
1920 Greer, William Derrick Lindsay.
1921 Gregory, John Benjamin.
1920 Griffin, Gerald Charles Leake.
1920 Griffith, Gerald Victor Alexander.
1921 Guise-Brown, Eric Noel.
1920 Haiden, Robert Evans.
1921 Hall, Ernest Hamilton.
1920 Halliday, Joseph Campbell.
1921 Hamilton, Cecil Andrew Swan.
1920 Hanna, David.
1921 Hanna, Denis O'Donoghue.
1921 Hanna, Robert Kennedy.
1920 Harte, Charles Christopher.
1920 Harte, Edward Henry.
1920 Hayes, Richard James.
1920 Healy, Lewin Edward Alton.
1921 Henry, William Alexander.
1921 Herman, Abraham.
1921 *Hill, Gertrude Gladys.*
1920 Hodgins, James Thomas.
1920 Huddie, Robert John.
1921 *Hungerford, Elizabeth Grant.*
1920 Jameson, William Sinton.
1920 *Johnston, Christine Martha.*
1920 Johnson, Richard Henry Ardagh.
1921 Jordan, Samuel Aubrey.
1921 Joyce, John Stanislaus.
1921 *Jupp, Helen Alexandra.*
1920 Keays, Richard George.
1920 Keirans, Vincent Daly.
1921 *Keller, Edith Geraldine.*
1921 Kelly, Robert Patrick.
1921 Kennedy, James.
1920 Keown, Thomas James Whitney.
1921 Kidd, Walter Hartland Phillips.
1920 *Kingston, Charlotte Elizabeth.*
1921 *Kinkead, Robina Elizabeth.*
1921 *Lafferty, Anna Gertrude.*
1920 Lamont, Frederick Hugh.
1920 Langtry, Herbert James.
1920 Lawlor, John Elliot Cairnes.
1921 *Lawlor, Violet Leonora Frances.*
1921 *Lawrenson, Gladys Frances Marian.*
1920 Leathem, James.
1920 Leebody, John Welsh.
1921 *Leslie, Jean Annette.*
1920 Levis, Thomas George.
1921 Liddy, Joseph Francis Frederick.
1921 Lloyd, John.
1920 Lloyd, Owen Acheson.
1921 Logan, Victor William.
1920 Long, John Oliver Horner.
1921 Loubser, Cornelius Johannes Nicolaas.
1920 Lowe, John Bethel.
1920 *Lowry, Gladys Mary Agnes.*
1921 *Lowther, Nancie Newton.*
1920 M'Allister, Norman.
1920 M'Caldin, Charles Frederick Dermot.
1920 *M'Cartan, Emily Eileen.*
1920 M'Cauley, Menzies Llewellyn.
1921 M'Clenaghan, Noel Ernest Longworth.
1921 M'Curdy, John.
1921 M'Dowell, John Robinson.

1920 MacDowell, Thomas Whitley.
1920 *M'Entire, Dorothy Alexandra.*
1920 M'Guire, Robert Ely.
1920 M'*Intosh, Marjorie Louise Elizabeth.*
1920 M'Intyre, William Percival Edwin.
1921 Mackay, Archibald Hector Macdonald.
1921 M'Keever, Thomas Francis.
1920 M'Kenna, John Arthur.
1920 MacKenzie, Derrick St. Clair.
1920 M'Kinney, David.
1920 *M'Laughlin, Beatrice May.*
1921 M'Master, Harry.
1920 MacMaster, John Sinclair.
1920 M'Namara, John Hardy.
1920 Mahony, Geoffrey John Comyn.
1920 Manley, John Abraham.
1921 Mann, Keith Cranston.
1920 Martin, Derrick Macartney.
1921 Martin, Reginald Gildea.
1921 Martin, Richard Louis.
1920 Mather, Norman James Urquhart.
1920 Meleady, John Joseph.
1920 *Meredith, Una Carew.*
1921 Millar, Claude Jocelyn.
1920 Miller, George Arthur.
1921 Mitchell, Robert Hollingsworth.
1921 Montgomery, William Andrew.
1921 Moore, Richard Malam.
1920 Morris, George Wall.
1921 Morris, Joseph.
1921 Muntz, Cecil Dudley.
1920 Murphy, Lawrence William Raymond.
1920 Nelson, Herbert.
1920 *Nightingale, Florence.*
1921 Nunns, Claude Ernest George.
1921 O'Donnell, Thomas Francis.
192 O'Dwyer, John Joseph.
1921 O'Hare, John Hyacinth.
1921 O'Meara, Robert Allen Quain.
1920 O'Regan, Thomas M'Redmond.
1921 Orr, Lionel Alexander William.
1920 *O'Toole, Kathleen.*
1920 Oulton, Gerald Richard Courtenay.
1920 Packham, William Alfred.
1920 Palmer, Philip Francis.
1921 Patterson, Francis Jennings.
1921 Patterson, John Jamieson.
1921 Peacocke, Cuthbert Irvine.
1920 Pearce, Edward Allen Robert.
1921 Peet, Edward Rayne.
1920 Perry, Hugh St. Maur Moore.
1920 Phillips, Elijah Cromwell.
1921 Pienaar, Barend Petrus.
1921 *Pigott, Wilfreda Dorothy Charis Trench.*
1920 Popham, Frederick Stephen.
1921 Prenter, Charles William Emerson.
1920 *Price, Agnes Robina.*
1920 *Price, Grace Lilian.*
1920 Pringle, Alfred Denis.
1920 Pritchard, Thomas Cuthbertson Leithead.
1920 Pugh, Josiah John.
1920 Quinlan, Daniel Alphonsus O'Connor.
1920 *Rainsford, Alice Mary.*
1921 Rawlins, Charles Emmerton.
1920 Reid, Robert John.
1920 *Richards, Iris Lillian.*
1921 Roberts, Maiben Albert William.
1920 Robinson, George.
1920 Roche, Henry Joseph.
1921 Roddie, Robert Charles.
1921 Rogerson, Keith William.
1920 *Ross, Stella Christine.*
1921 Satchwell, Ernest Edward.
1920 Savage, John.
1921 Scanlan, Philip Francis.
1920 Schaffer, Rudolf.
1921 Seon, Sidney Osborne.
1920 Shannon, George Frazer.
1921 Shegog, George Brice.
1920 Sloan, James Gilmore.
1920 Smyth, Andrew Ralph.
1920 *Smyth, Eileen.*

1920 Somerville-Large, Lionel Becher.
1920 Sparrow, Robert Francis Garnett.
1920 Spiller, George Heazle.
1920 Spurr, George Patrick.
1920 Stafford, Thomas Joseph Leo.
1920 *Stanley, Louisa Anne Margaret.*
1921 Stevens, Arthur Vernon.
1921 *Stevenson, Mary.*
1920 Strettan, John Simpson.
1920 Stuart, Archibald.
1920 Stuart, Ian Malcolm.
1920 *Sweetnam, Elizabeth Mary.*
1920 Sythes, John Henry.
1920 Tate, William.
1921 Taylor, George Brownrigg.
1921 *Tector, Mabel Maria Alexandra.*
1920 *Ternan, Geraldine Frances Maunsell.*
1921 Thompson, Robert Stanley.
1921 Tighe, Charles Herbert.
1920 Torrens, Robert George.
1920 *Troddyn, Susan Rose.*
1920 Troughton, John Frederick George.
1920 *Tweedy, Lorna Hastings.*
1921 Twohig, Joseph Patrick.
1921 Van Rensburg, William Johannes Janse.
1921 Vanston, Dermot.
1920 Vanston, Eric Marcus.
1920 *Vanston, Vivien Violet.*
1921 Van Zyl, William James.
1921 Vaughan, Victor St. George.
1920 *Wade, Hariot Chute*
1921 *Waldron, Louise Emily Madelaine.*
1920 Wall, Claude Welpiy.
1920 Walmsley, George Alexander.
1921 *Walsh, Eva.*
1921 *Watchorn, Clare.*
1920 Watson, David M'Cloy.
1921 Watson, Kenneth.
1921 Webb, Louis Wilfred.
1920 Webner, Ralph Adolph.
1921 Weir, Philip Crampton Mortimer.
1920 Wells, John Edward.
1920 Welply, William Henry.
1920 *White, Violet Margretta.*
1920 Wilde, John Frederick.
1921 Williams, Richard John Maddeen.
1920 Wilson, Charles Frederick Moore.
1921 Wilson, George Imrie.
1920 Wilson, Henry Martin.
1921 Wilson, Joseph Gordon.
1921 Wilson, Thomas Gerald.
1921 *Wood-Martin, Annette Kathleen,*
1921 Wood, Percy Russell.
1920 *Woodroofe, Emily Jane.*
1921 Woods, Thomas Frederick Mackie.

Bachelors in Arts.

1920–21.

1921 Ashbee, Henry Guido Neville.
1920 Aykroyd, Phyllis.

1921 Baker, Robert Ruckley.
1921 Bell, James.
1921 Best, Francis Olphert.
1920 Bewglas, James Harper.
1921 Blackall, George.
1920 Bourke, Robert Gascoyne.
1920 Bowers, Henry.
1920 Bradshaw, Charlotte Mary.
1921 Brady, Hugh Redmond.
1921 Brennan, John Carson.
1920 Bridge, Allman Vizer.
1921 Brolly, James.
1921 Browne, Walter Fitz-Gerald.
1920 Brownell, Thomas Charles.
1921 Burt, Alida Charlotte.
1920 Burt, Elinor Norah.
1921 Butler, Robert William.

1921 Cairnduff, Euphemia.
1921 Callan, Thomas Raymond Tyrrell.
1920 Callanan, William Edward.
1920 Campbell, David.
1921 Carroll, John Vincent.
1921 Chapman, Robert Sturgeon.
1921 Charters, Robert James.
1920 Copeland, Mary Edith.
1921 Coursey, Edward Bartholomew.
1920 Cox, William Humphreys.
1921 Crawford, Francis Charles Lindsay Brown Boyd.
1920 Crawford, William.

1921 Dale, John Francis.
1920 D'Arcy, Francis Bertram.
1920 Dawson, William James Eric.
1921 Dickson, William Sidney.
1920 Dijkman, Cornelis Derksen.
1920 Dillon-Leetch, Margaret.
1920 Dowzer, Bertha.
1921 Drotske, Allen Eraśmus.
1920 Du Cros, Cyril.
1921 Duffey, Hugh.

1920 Easby, Frederick Thomas.
1921 Evans, Charles Leonard.

1920 Fair, Olive Victoria.
1920 Ferguson, Robert Mervyn.
1920 Finch, Ruby Violet.
1921 Fitzsimmons, William Moore.
1920 Flavelle, Ruth Florence.
1921 Flynn, Norah.

1921 Gallivan, Michael.
1921 Getty, John Boyd.
1920 Gibson, John Percival.
1921 Gilcriest, John.
1921 Gillespie, Joseph Cecil.
1920 Goode, John Evans.
1920 Green, Isaac.
1920 Greer, Fergus Ussher Morriss.
1921 Griffiths, Richard Cecil Lewis.
1921 Guise-Brown, Gerald Edward.

1921 Haigh, Ernest.
1920 Hall, Herbert.
1920 Hamel-Smith, Lionel Frederick.
1920 Hamilton, Basil Long.
1921 Hammond, Richard Frederick.
1921 Hardy, Francis.
1921 Harper, James.
1921 Hay, Robert Stevenson.
1920 Henry, Dorothy Isabel.
1920 Hill, Rupert Leo.

1921 Hirsch, Mary Rickards.
1921 Hofman, Jacob.
1921 Hogan, William Thomas.
1920 Holmes, William Edward.

1921 Irvine, Gilbert Marshall.

1921 Johnson, Lionel Stewart.
1920 Johnston, Anne Elizabeth.
1920 Joly, Henry Charles.
1921 Jones, Cecil Vernon Hope.
1920 Judge, Lucy Ruth.

1920 Kavanagh, Desmond M'Murrough.
1920 Kennedy-Skipton, George Stacy.
1921 Kenny, George Gordon.
1921 Kinghan, Robert William.
1921 Kirker, Gilbert.
1921 Knowles, Henry Forbes Lancelot.
1921 Krige, Hendrik Nicolas.
1921 Kruger, Julius.

1921 Laing, John Joseph.
1920 Lane-Joynt, Olive.
1921 Landau, Ernest Myer.
1920 Lang, Richard.
1920 Lavelle, Dorothy Frances Hope.
1921 Lawler, Robert Edward.
1921 Leared, Donald Ivan.
1921 Lee, Alfred Tennyson.
1920 Leventhal, Abraham Jacob.
1921 Lloyd-Blood, Launcelot Ivan Neptune.
1920 Logan, May.
1921 Longmore, Thomasina.
1920 Lyster, Charlotte Cameron.

1921 M'Cabe, Walter.
1921 M'Caldin, Cecil William Roberts.
1920 MacCarthy, Charles Thomas.
1921 M'Carthy, Thomas Paul.
1921 M'Clure, William James.
1920 M'Cormick, John Eric.
1920 M'Donald, Elizabeth Mary.
1921 M'Entee, John Cherles Joseph.
1920 M'Greevy, Thomas.
1921 M'Laughlin, Mary Kathleen.
1920 M'Meekin, Audrey Moyra.
1921 M'Mullan, David Hamilton.
1921 M'Phail, Gordon Stuart.
1921 M'William, William Nicholson.
1921 Maguire, Robert Augustine Joseph.
1921 Maguire, William Henderson.
1920 Mein, Charles Benjamin.
1920 Moore, Violet Mabel Knox.
1920 Moran, Thomas Whitley.
1920 Morphy, Edith Armorel.
1921 Murphy, Henry James Leopold.
1920 Myers, Izidore Phineas.

1920 Neligan, Maurice Victor.
1920 Nelson, William John.
1921 Newell, Harriet Lyle.
1920 Norris, Crawford.
1920 Norris, Nannette.
1920 North, Meta Evelyn.
1920 Nunan, William Alexander.

1921 O'Connor, Joseph Michael.
1921 Odlum, Gerald Edmond.
1920 Odlum, Muriel Vere.
1921 O'Donel, William James.
1921 Olphert, Mary Richmal.
1921 Oram, Frederick St. John.

1921 Parker, Wilfrid Henry Theodore.
1920 Perrott, Robert Nelson.
1920 Phillips, John Skelton.
1921 Phillips, Laurence.
1921 Plumer, Arthur Murray.
1920 Pollitt, Alfred.
1921 Powell, Mary Eveleen.
1921 Powell, Michael Gerard John.
1920 Power, Richard Wood.
1921 Prain, Duarte.

1920 Richardson, Cecil Arthur.
1921 Robinson, George Cyril Brereton.
1921 Robinson, Victor.
1920 Robinson, William.

1921 Ronaldson, Jenny.
1920 Ross, Harold Aemilius.
1921 Ruben, Harry.
1920 Ruby, James Henry.
1921 Russell, Samuel Wilfred.

1920 Saayman, Donald Harvey.
1921 Sargent, Alma Kingsley.
1921 Sayers, Max.
1921 Scott, Samuel Russell.
1921 Seale, Richard.
1921 Seymour, Frederic Wilfred.
1920 Sleith, Harley Lisle.
1920 Smith, Philip Norbert.
1921 Smith, William Harden.
1921 Smyth, Herbert.
1921 Soady, Francis Benney.
1921 Stazunsky, Leopold.
1921 Steen, Alfred Wilson.
1920 Stevenson, Emily Helena.
1921 Stokes, Henry Alban.

1921 Taylor, Edward.
1921 Taylor, James Benjamin.
1921 Thompson, Ernest St. Clair.
1920 Thompson, John Douglas.
1921 Thompson, John Knox Stafford.
1920 Tipping, Nathaniel Drew.
1921 Todd, Alfred Henry Norman.
1920 Trayer, Benjamin Langer.

1921 Vercueil, Leon Olivier.
1920 Villet, Charles Theodore de Mornêt.
1921 Villiers, William Arthur Crips.

1920 Walker, Francis William.
1920 Walker, Henry James.
1920 Walsh, Cyril Edward.
1921 Ward, Anthony Divir.
1920 Warham, Thomas Gerald.
1921 Warner, Joseph Alfred.
1920 Watson, Hester Adelaide.
1921 Weldon, Samuel Gerald.
1921 Westmore, William Nevitt.
1921 Westropp, Hugh Thomas George.
1920 Whitby, John Montagu Ferdinand.
1921 White, Warburton Edward.
1921 Williams, James Valentine.
1920 Williams, Norman Ernest Hamilton Powell.
1920 Williams, Thomas Herbert.
1920 Williamson, Wilhelmina.
1921 Wilson, Crawford Lunham Law.
1920 Wilson, Dominick Patrick Sarsfield.
1921 Wilson, Leslie.
1920 Wilson, Maria Percy.
1921 Woodburn, Elizabeth.
1921 Worthington-Eyre, Hedges Eyre.
1920 Wray, Herbert Hans.

Senatus Academicus,

1921–1922.

Cancellarius, . .	Præhonorabilis Edvardus Cecil Guinness, Comes de Iveagh, LL.D.
Vice-Cancellarius,	Præhonorabilis Jacobus Henricus Mussen Campbell, LL.D.
Præpositus Coll. SS. Trin.	Præhonorabilis et Reverendissimus Johannes Henricus Bernard, D.D.
Vice-Præpositus, . .	Thomas Thompson Gray, M.A.
Magister Senior non Regens, . . .	Guilelmus Eduardus Thrift, M.A.
Procuratores, . .	Senior—Matthaeus Wyatt Joseph Fry, M.A. Junior—Franciscus La Touche Godfrey, M.A.
Registrarius, . .	Robertus Russell, M.A.

1886.	V.	Abraham, Phineas Simon, M.D.
1888.	Æ.	Alexander, Thomas, M.A.I.
1890.	Æ.	Allworthy, Samuel Guilelmus, M.D.
1890.	Æ.	Allwright, Eduinus, M.A.
1899.	H.	Alton, Ernestus Henricus, M.A.
1914.	H.	Armstrong, Claudius Blakeley, M.A.
1895.	Æ.	Arundel, Robertus Jacobus, M.D.
1914.	H.	Atkins, Guilelmus Ringrose Gelston, SC.D.
1892.	Æ.	Backhouse, Marmaduke, M.A.
1887.	Æ.	Baker, Arturus Windowe Willert, M.D.
1875.	Æ.	Baker, Guilelmus, M.A.
1921.	Æ.	Ball, Nigel Gresley, M.A.
1883.	H.	Barry, Ludovicus Augustus Jacobus, LL.D
1919.	H.	Bartley, Johannes.

1890. V. Bastable, Carolus Franciscus, LL.D.
1914. Æ. Baxter, Jacobus Sinclair, LL.D.
1876. Æ. Baylee, Robertus Perry, M.A.
1886. Æ. Beatty, Wallace, M.D.
1863. Æ. Bell, Thomas Guilelmus, M.A.
1889. H. Bergin, Guilelmus, M.A.
1892. Æ. Bernard, *Prænonorabilis et Reverendissimus* Johannes Henricus, D.D., *Præpositus.*
1884. Æ. Berry, Thomas Sterling, D.D., *Episcopus Laonensis.*
1895. H. Best, Ricardus, M.A.
1883. Æ. Blood, Alexander Findlater, M.A.
1875. V. Blood, Joseph, M.CH.
1872. H. Boulger, Edvardus Vaughan, M.A.
1887. H. Bowen, Henricus Carolus Cole, M.A.
1878. V. Brabazon, Johannes, M.A.
1899. Æ. Brown, Edmundus St. Clair, M.A.
1903. Æ. Bryan, Georgius, LL.D.
1914. H. Burd, Henricus Mannington Wilkins.
1893. Æ. Bury, Ambrose Upton Gledstanes, M.A.
1885. H. Bury, Johannes Bagnell, M.A.
1891. Æ. Callaghan, Alfredus Johannes, LL.D.
1881. H. Campbell, Harper, M.A.
1904. Æ. Campbell, *Prænonorabilis* Jacobus Henricus Mussen, LL.D., *Vice-Cancellarius.*
1907. H. Canning, Hugo, M.A.
1892. Æ. Carroll, Robertus Phippen, M.A.
1901. Æ. Carson, *Prænonorabilis* Edvardus Henricus, LL.D.
1868. V. Cathcart, Georgius Lambert, M.A.
1902. H. Cerf, Albertus Johannes Wodrow, LITT.D.
1877. H. Chadwick, Georgius Alexander, D.D.
1888. V. Cherry, *Prænonorabilis* Ricardus Robertus, LL.D.
1881. Æ. Colclough, Howard Johannes, M.A.
1902. H. Conlin, Guilelmus, M.A.
1900. H. Cotter, Joseph Rogerson, M.A.
1896. V. Cotter, Guilelmus Edvardus Pearson, M.A.
1891. Æ. Craig, Jacobus, M.D.
1889. H. Crawford, Johannes, D.D.
1878. V. Croly, Daniel Georgius Hayes, M.A.
1890. H. Cronyn, Abraham Prim, M.A.

1893. Æ. Crook, Robertus Franciscus Tackaberry, M.A.
1871. H. Crossley, Thomas Henricus Hastings, M.A.
1882. H. Culverwell, Edvardus Parnall, M.A.
1917. V. Curtis, Edmundus, M.A.
1900. Æ. d'Arcy, Carolus Fredericus, D.D., *Archiepiscopus Ardmachensis.*
1890. H. Daunt, Edvardus Stephanus, M.A.
1893. V. Davidson-Houston, Jacobus Hamilton.
1913. H. Davis, Fredericus Abraham Grubb, M.D.
1911. Æ. Davys, Gerardus Irvine, M.D.
1905. H. Dawson, Guilelmus Jacobus, M.A.
1908. V. Day, Mauritius, D.D., *Episcopus Clogherensis.*
1876. H. Dean, Franciscus, M.A.
1890. Æ. Dilworth, Guilelmus Jacobus, M.A.
1899. V. Dixon, Andreas Franciscus, SC.D.
1897. Æ. Dixon, Henricus Horatius, SC.D.
1866. V. Dockrill, Johannes, M.A.
1877. V. Dowdall, Lancelottus Johannes Georgius, M.A.
1909. Æ. Dowse, Geraldus, M.A.
1875. V. Doyle, Bernardus, M.CH.
1890. Æ. Doyle, Carolus Franciscus, M.A.
1889. Æ. Doyle, Robertus Joseph, M.A.
1893. Æ. Dudgeon, Jacobus Maitland, M.A.
1910. H. Duggan, Georgius Chester, M.A.
1892. Æ. Dunne, Franciscus Guilelmus Bradney, LL.D.
1877. H. Eason, Carolus, M.A.
1889. H. Egerton, Carolus Guilelmus, M.A.
1980. Æ. Elder, Albertus Ewart, M.A.
1899. H. Ellis, Guilelmus Edvardus, LL.D.
1906. H. Ensor, Ernestus, M.A.
1895. Æ. Exham, Gerardus Alston, M.A.
1880. Æ. Falconer, Robertus Andrews, M.A.
1919. H. Fearon, Guilelmus Robertus, SC.D.
1883. H. Fetherstonhaugh, Gothofredus, M.A.
1873. H. Finny, Johannes Magee, M.D.
1872. V. Fleming, Fredericus, M.A.
1892. V. Fleming, Ricardus Fitzthomas, M.A.
1879. H. Forde, Hugo, LL.D.

1886. Æ. Ford-Hutchinson, Guilelmus, M.A.
1886. H. Franklin, Eduinus Ludovicus, M.A.
1898. H. Fraser, Johannes, M.A.
1889. V. Fry, Matthæus Wyatt Joseph, M.A.
1881. H. Gabbett, Henricus Singer, M.D.
1881. H. Gardiner, Guilelmus, M.A.
1882. V. Garrett, Georgius Henricus, M.A.
1868. Æ. Gibson, *Prælionorabilis* Johannes Georgius, M.A.
1890. Æ. Glanville, Fredericus Carolus, M.A.
1919. H. Godfrey, Christabel Frances.
1919. H. Godfrey, Franciscus La Touche.
1898. H. Goligher, Hugo Garvin, M.A.
1910. Æ. Goligher, Guilelmus Alexander, LITT.D.
1885. Æ. Goodman, Franciscus Georgius, M.D.
1877. H. Graham, Christopherus, M.A.
1859. Æ. Gray, Thomas Thompson, M.A., *Vice-Præpositus.*
1886. Æ. Green, Johannes Edvardus, MUS. DOC.
1904. Æ. Greene, Georgius Arturus, LITT.D.
1873. Æ. Greer, Guilelmus Benjamin, M.A.
1901. Æ. Gregg, Jacobus, M.A.
1913. Æ. Gregg, Johannes Allen FitzGerald, D.D., *Archiepiscopus Dublinensis.*
1882. Æ. Grierson, Carolus Thornton Primrose, M.A., D.D., *Episcopus Dunensis, Connorensis, et Dromorensis.*
1892. V. Griffith, Dudley Perceval, M.A.
1894. Æ. Gwynn, Edvardus Johannes, M.A.
1906. H. Gwynn, Robertus Malcolm, M.A.
1876. V. Hackett, Henricus Monck Mason, M.A.
1876. V. Hackett, Thomas Edmundus, M.A.
1879. H. Harris, Franciscus Guilelmus Fitzgerald, LL.D.
1885. Æ. Harris, Reginaldus Thomas, M.A.
1907. V. Hassard, Arturus, M.A.I.
1877. V. Hayes, Guilelmus Arthurus, M.A.
1900. H. Hemphill, Samuel, LITT.D.
1914. Æ. Henry, Jacobus Maxwell.
1888. V. Hewetson, Henricus Thomas Hulbert, M.A.
1878. H. Hime, Mauritius Carolus, LL.D.
1875. V. Hipwell, Alfredus Georgius, M.A.

1911. H. Hitchcock, Franciscus Ryan Montgomery, D.D.
1892. Æ. Hogg, Andreas Albertus Victor, M.A.
1886. H. Hughes, Samuel Carlyle, LL.D.
1875. Æ. Hughes, Thomas, LL.D.
1902. H. Hutchinson, Samuel, M.A.
1898. Æ. Irwin, Georgius Freeman, M.A.
1901. Æ. Iveagh, *Prænobilis* Edvardus Cecil, Comes de, LL.D., *Cancellarius*.
1897. H. Jackson, Jacobus Thomas, M.A.
1889. Æ. Jeffares, Guilelmus, M.A.
1883. Æ. Jennings, Johannes Andreas, M.A.
1894. H. Johnston, Albertus Edvardus, M.A.
1892. H. Johnston, Alfredus Wade, M.A.
1901. Æ. Johnston, Jacobus Patricius, SC.D.
1913. H. Johnston, Joseph, M.A.
1891. H. Joly, Johannes, SC.D.
1902. Æ. Joly, Johannes Swift, M.D.
1878. H. Joy, Henricus, D.D.
1889. H. Joynt, Henricus Russell, M.A.
1881. V. Joynt, Johannes Guilelmus, M.A.
1877. Æ Jozé, Thomas Ricardus Gonzalvez, MUS. DOC.
1879. Æ. Kaye-Parry, Guilelmus, M.A.
1905. H. Kennedy, Herbertus Brownlow, M.A.
1892. Æ. Kennedy, Jacobus Houghton, D.D.
1896. H. Kennedy, Guilelmus, M.A.
1896. Æ. King, Lucas White, LL.D., *Eques Auratus*.
1873. V Kirkpatrick, Henricus Clare, M.A.
1918. H. Kyle, Johannes Andreas.
1903. V. Laird, Johannes Newsom, M.D.
1897. Æ. Lawlor, Hugo Jackson, D.D.
1892. V. Lewis-Crosby, Ernestus Henricus Cornwall, M.A.
1884. H. Lindsay, Thomas Somerville Reeves, M.A.
1907. V. Lloyd, Guilelmus Henricus, M.A.
1902. H. Longworth, Fredericus Albertus, M.A.
1920. Æ. Luce, Arturus Aston, D.D.
1873. H. Lunham, Thomas Ainslie, M.A.
1887. Æ. Lyle, Thomas Rankin, M.A.
1889. V. Lyster, Arturus Edvardus, M.A.

1889. H. Lyster, Thomas Guilelmus, M.A.
1903. Æ. Macalister, Robertus, LL.D.
1884. Æ. M'Arthur, Guilelmus, LL.D.
1898. Æ. M'Cormick, Albertus Victor, M.A.
1883. Æ. M'Cormick, Cormac, M.A.
1917. V. M'Cormick, Georgina Campbell.
1874. Æ. M'Donnell, Guilelmus Dobbs, M.A.
1879. H. Mackintosh, Henricus Guilelmus, M.A.
1917. H. McNeile, Alanus Hugo, D.D.
1894. Æ. M'Quaide, Carolus Edvardus, M.A.
1892. Æ. Macran, Henricus Stewart, M.A.
1891. Æ. Madden, *Præhonorabilis* Dodgson Hamilton, LL.D.
1917. H. Mason, Thomas Gothofredus.
1886. Æ. Massy, Ricardus Dunscombe Hugo, M.A.
1870. Æ. Maunsell-Eyre, Robertus Hedges, M.A.
1878. H. Mecredy, Jacobus M'Gillicuddy, M.A.
1879. H. Micks, Guilelmus Lawson, M.A.
1886. Æ. Miller, Carolus Henricus, M.A.
1876. H. Molyneux, Evans Kettlewell, M.A.
1880. H. Montgomery, Malcolm, M.A.
1896. H. Mooney, Georgius Guilelmus, M.A.
1871. Æ. Moore, Johannes Guilelmus, M.D., *Eques Auratus*.
1896. H. Moore, Guilelmus, M.A.
1880. H. Moran, Norbert Ludovicus, M.A.
1890. Æ. Morley, Thomas Vevers, M.A.
1919. Æ. Mullan, Carolus Seymour.
1888. H. Mullins, Georgius Lane, M.D.
1905. Æ. Murphy, Edvardus Sullivan, M.A.
1900. H. Neely, Alexander Jacobus, M.A.
1881. Æ. Neville, Edvardus Anster, M.A.
1872. V. Newton, Henricus, M.A.
1918. H. Nurock, Max.
1892. H. O'Connell, Johannes Robertus, LL.D., *Eques Auratus*.
1900. V. O'Hara, Henricus Stewart, D.D.
1882. Æ. O'Loughlin, Robertus Stuart, M.A.
1877. H. Ormsby, Lambertus Hepenstal, M.D., *Eques Auratus*.
1899. Æ. O'Sullivan, Alexander Carolus, M.D.
1903. Æ. Panter, Georgius Guilelmus, M.A.

889. Æ. Parker, Georgius Guilelmus, M.A.
887. V. Parsons, *Honorabilis* Ricardus Clere, M.A.
916. H. Phillips, Gualterus Alison.
900. H. Pilkington, Franciscus Johannes, M.A.
896. V. Pim, Alanus Guilelmus, M.A.
885. H. Pollen, Henricus, M.D.
918. H Poole, Horatius Hewitt, SC.D.
921. Æ. Poole, Johannes Hewitt Jellett, SC.D.
895. V. Pooler, Carolus Franciscus Knox, M.A.
917. V. Pope, Johannes van Someren, M.A.
888. H. Porter, Guilelmus Henricus, M.A., *Baronettus*.
908. Æ. Porter, Guilelmus Holt, M.A.
882. Æ. Posnett, Hutcheson Macaulay, LL.D
879. Æ. Preston, Johannes Evans, M.A.
874. Æ. Purser, Johannes Mallet, M.D.
891. Æ. Purser, Ludovicus Claudius, LITT.D.
892. V. Rambaut, Arturus Alcock, SC.D.
916. H. Renton, Janie Korolin.
920. H. Richardson, Leopoldus Johannes Dixon, M.A.
878. H. Ridgeway, Guilelmus, M.A., *Eques Auratus*.
879. H. Ringwood, Ricardus, M.A.
905. H. Ringwood, Ricardus Fred, M.A.
876. Æ. Roberts, Guilelmus Radulphus Westropp, M.A.
878. H. Robertson, Edvardus Stanley, M.A.
906. Æ. Robinson, Archibaldus Ludovicus, M.A.
892. Æ. Robinson, Stanford Fredericus Hudson, M.A.
881. Æ. Robinson, Guilelmus Henricus, M.A., *Eques Auratus*.
899. H. Rogers, Reginaldus Arturus Percy, M.A.
879. H. Ross, Guilelmus, M.A.
921. Æ. Rowe, Carolus Henricus, M.A.
921. Æ. Rudmose-Brown, Thomas Brown, M.A.
884. Æ. Russell, Robertus, M.A.
917. V. Russell, Robertus Eduinus, M.A.
914. Æ. Ryan, Fredericus Guilelmas, M.A.
888. V. Samuels, *Prænonorabilis* Arturus Warren, LL.D.
872. H. Scott, Arturus Guilelmus, M.A.

1902. Æ. Scott, Guilelmus Robertus, LITT.D.
1884. H. Scriven, Georgius, M.D.
1899. H. Seeds, Jacobus Thompson, LL.D.
1909. Æ. Smiley, Marriott Thomas, M.A.
1892. H. Smith, Carolus, M.A.
1907. H. Smith, Johannes Georgius, M.A.
1870. H. Smith, Gualterus Georgius, M.D.
1910. Æ. Smyly, Henricus Jocelyn, M.A.
1893. H. Smyly, Josiah Gilbartus, M.A.
1891. Æ. Smyly, Philippus Crampton, LL.D., *Eques Auratus.*
1875. H. Smyly, Guilelmus Josiah, M.D., *Eques Auratus.*
1854. V. Smyth, Johannes, M.A.
1893. Æ. Smyth, Johannes Paterson, LL.D.
1921. Æ. Smyth, Ludovicus Bouvier, M.A.
1905. H. Spaight, Jacobus Molony, LL.D.
1921. Æ. Starkie, Gualterus Fitzwilliam, M.A.
1875. H. Stewart, Georgius Franciscus, M.A.
1884. Æ. Stokes, Georgius Joseph, M.A.
1880. Æ. Story, Johannes Benjamin, M.CH.
1887. V. Stubbs, Alfredus, M.A.
1883. Æ. Stubbs, Henricus, M.A.
1886. H. Stubbs, Guilelmus Cotter, M.A.
1907. Æ. Sullivan, Guilelmus Godfrey, M.A.
1920. H. Tate, Herbertus, M.A.
1903. Æ. Tate, Robertus Guilelmus, M.A., *Eques Auratus.*
1896. Æ. Taylor, Edvardus Henricus, M.D.
1895. Æ. Thompson, Guilelmus Johannes, M.D., *Eques Auratus.*
1908. H. Thrift, Harry, M.A.
1896. H. Thrift, Guilelmus Edvardus, M.A
1872. H. Tracey, Maxwell Georgius, M.A.
1913. H. Trench, Wilbraham Fitzjohn, LITT.D.
1891. H. Tristram, Johannes Guilelmus, D.D.
1892. V. Trouton, Fredericus Thomas, SC D.
1907. H. Twiss, Henricus FitzPatrick, LITT.D.
1883. Æ. Vanston, Georgius Thomas Barrett, LL.D., *Eques Auratus.*
1902. Æ. Walker, Thomas, M.A.
1904. H. Wallis, Jacobus Glenn, M.D.
1890. H. Ward, Piers Carolus, M.A.

1906. H. Warren, Johannes, M.A.
1904. H. Wasson, Jacobus Craig, M.A.
1916. H. Waterhouse, Gilbertus, M.A.
1900. Æ. Watson, Edvardus Johannes Macartney, M.D.
1902. H. Webb, Georgius Randolph, M.A.
1914. Æ. Werner, Aemilius Alphonsus, SC.D.
1885. H. Westropp, Thomas Johnson, M.A.
1900. H. White, Henricus Fredericus Hill de Vere, M.A.
1907. Æ. White, Newport Benjamin, M.A.
1904. H. White Newport John Davis, D.D.
1872. Æ. White, Guilelmus Moore, LL.D.
1911. H. Wilkins, Mauricius Arturus Carolus, M.A.
1876. H. Willson, Thomas Benjamin, M.A.
1921. Æ. Wilson, Thomas Henricus, M.A.
1874. Æ. Woodhouse, Stewart, M.D., *Eques Auratus.*
1886. H. Woods, Hugo, M.D.
1913. Æ. Woods, Robertus, M.CH., *Eques Auratus, Burgensis Parliamenti Universitatis.*
1889. V. Wright, Almroth Edvardus, M.D., *Eques Auratus.*
1885. V. Wright, Guilelmus M'Dowell Aikin, M.D.
1907. H. Young, Henricus Lindsay, LL.D.
1905. Æ. Young, Sydney, SC.D.

TOTAL . . . 294

ELECTORS REGISTERED FROM APRIL 30 TO JUNE 30, 1921.

Ashbee, Henry Guy Neville, 6, Lower Hatch-street, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Bailey, Rev. Thomas Arthur, 253, Peishore-road, Edgbaston.
B.A., *Æst.* 1914; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Bantry-White, Harry Ernest, Sunnycote, Marden, Kent.
B.A., *Hiem.* 1911; M.D., *Æst.* 1921; Reg. *June* 30, 1921.

Barnes, Ethel Tirzah, 36, Tory, Bradford-on-Avon, Wilts.
B.A., *Hiem.* 1912; M.A., *Hiem.* 1917; Reg. *May* 28, 1921.

Best, Francis Olphert, Glen View, Port Talbot, Wales.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Blackall, George, 2, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Blackham, Olive Gertrude, 14, Garville-avenue, Rathgar, Dublin.
B.A., *Hiem.* 1917; M.D., *Æst.* 1921; Reg. *June* 30, 1921.

Boyd, Rev. George Thompson, Rosemount-avenue, Londonderry.
B.A., *Hiem.* 1917; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Brolly, James, The Hedges, Limavady.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Browne, Walter FitzGerald, 38, Trinity College.
Sch., 1915; B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Butler, Rev. James Joseph, 39, Upper Kevin-street, Dublin.
B.A., *Æst.* 1918; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Callan, Thomas Raymond Tyrrell, 31, Morehampton-road, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Campbell, Rev. Edward Gordon, Rathkelly, Co. Carlow.
B.A., *Æst.* 1910; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Carroll, John Vincent, "Glenavon," Fermoy, Co. Cork.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Chambers, Frederick William, 20, Clarence-avenue, Londonderry.
B.A., *Æst.* 1919; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Charters, Robert James, Shankill, Co. Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Chestnutt, Rev. William, Carnan, Bushmills.
B.A., *Æst.* 1918; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Clarke, Rev. Harry Jessop St. John, Bulford Camp, Salisbury Plain, Wilts.
B.A., *Hiem.* 1913; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Cooke, Francis St. Leger Durdin, San Remo, Novara-road, Bray.
B.A., *Æst.* 1912; M.A., *Æst.* 1921; Reg. *June* 30, 1921.

Coursey, Edward Bartholomew, Drinagh, Wexford.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Crawford, Francis Charles Lindsay Brown Boyd, 70, Kenilworth-square, Rathgar, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Davies, Rev. Joseph Gwynn, Calthorpe House, Elmtree-avenue, Aberystwyth.
M.A. (*ad eund.* Oxon.), *Æst.* 1921; Reg. *June* 30, 1921.
Dickson, William Sidney, Ardmore, Ballygowan, Belfast.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Drotske, Allen Erasmus, 18, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Drummond, William Stuart, D.S.O., Carrig-na-mara, Killiney, Co. Dublin.
B.A., *Æst.* 1906; Reg. *May* 31, 1921.
Duffey, Hugh, Killorglin, Co. Kerry.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Evans, Charles Leonard, 7, Woodland Villas, Leeson Park, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Fortescue, Matthew, 56, Grosvenor-road, Rathgar, Dublin.
B.A., *Æst.* 1890; Reg. *April* 30, 1921.
Gallivan, Michael, Hillford House, Leixlip.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Getty, John Boyd, 51, Grove Park, Rathmines, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Gilcriest, John, Killeshandra, Co. Cavan.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Gillespie, Joseph Cecil, Adelaide Hospital, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Griffiths, Richard Cecil Lewis, Glenageary Lodge, Kingstown.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Haigh, Ernest, 38, Victoria Drive, Eastbourne.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Hammond, Richard Frederick, 7, Summerville Park, Rathmines, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Harper, James, 12, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Harvey, Reuben Warden, 67, Knighton Drive, Leicester.
B.A., *Æst.* 1918; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Hay, Robert Stevenson, Trimrage, Letterkenny, Co. Donegal.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Hayes, Edmund Duncan Tranchell, Croydon Mental Hospital, Warlingham, Surrey.
B.A., *Hiem.* 1912; M.D., *Æst.* 1921; Reg. *June* 30, 1921.
Hofman, Jacob, 12, Trinity College.
B.A., *Æst* 1921; Reg. *June* 30, 1921.
Irvine, Gilbert Marshall, Steevens' Hospital, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Jones, Cecil Vernon Hope, Wynne's School, Newmarket, Flintshire, North Wales.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Kennedy, Rev. Henry Angus Victor, Blessington, Co. Wicklow.
B.A., *Æst.* 1919; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Kennedy, William James Rann, 7, Godwyne-road, Dover, Kent.
M.A. (*ad eund.* Cantab.), *Æst.* 1921; Reg. *June* 30, 1921.
Kenny, George Gordon, 15, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Kinghan, Robert William, 15, Percy-place, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Krige, Hendrik Nicolas, 9, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Kruger, Julius, 11, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Lamb, Henry, Drumart House, Loughgall, Co. Armagh.
B.A., *Vern.* 1916; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Landau, Ernest Myer, 12, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Lawler, Robert Edward, 9, Windhill, Bishop's Stortford, Herts.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Leared, Donald Ivan, Sunnyside, Bray, Co. Wicklow.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Lee, Alfred Tennyson, Bellevue, Blackrock, Co. Dublin.
B.A. and M.A., *Æst.* 1921; Reg. *June* 30, 1921.
M'Caldin, Cecil Wm. Roberts, Glenview, Monaghan.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
M'Clure, William James, Ballybofey, Co. Donegal.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
M'Entee, John Charles Joseph, 3 Gortan-avenue, Glasnevin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
M'Mullan, David Hamilton, Derryvene, Dungannon, Co. Tyrone.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
M'Neill, Neil, 19, Ainsworth avenue, Belfast.
B.A., *Æst.* 1917; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Maguire, William Henderson, Manchester Lodge, Bundoran.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Maguire, Robert Augustine Joseph.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Martin, William Robert, Beechgrove, Lambeg, Co. Antrim.
B.A., *Æst.* 1919; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Mijnhardt, John Tobias, P. O. Box 24, Bethulie, O. F. S.
B.A., *Vern.* 1918; M.D., *Æst.* 1921; Reg. *June* 30, 1921.
Moore, Rev. William, The Manse, Sligo.
B.A., *Æst.* 1915; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Morgan, Rev. James, Christ Church Vicarage, Edgbaston.
M.A. (*ad eund.* Cantab.), *Æst.* 1921; Reg. *June* 30, 1921.
Nelson, Rev. Walter, 352, Woodstock-road, Belfast.
B.A., *Æst.* 1917; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
O'Connor, Joseph Michael, 7, Clifton-terrace, Ranelagh, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
O'Donel, William James, 17, Eaton-square, Monkstown, Co. Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Oram, Frederick St. John, Ulster Bank House, Clones.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Parr, Rev. William John, 6, Carlton-terrace, Rathmines, Dublin.
B.A., *Hiem.* 1917; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Patton, John Henry Alexander, 27, Wellington-park, Belfast.
B.A., *Æst.* 1919; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Phillips, Laurence, 28, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.

Plumer, Arthur Murray, 52, Tyrconnell-road, Inchicore, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Powell, Michael Gerrard John, 26, North Earl-street, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Praia, Duarte, 42, Largo do Rato, Lisbon.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Robinson, Victor, 21, Victoria-street, South Circular-road, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Russell, Samuel Wilfrid, 36, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921
Sandes, John Drummond, 118, Leinster-road, Dublin.
B.A., *Hiem.* 1904; M.D., *Æst.* 1921; Reg. *June* 30, 1921.
Sayers, Max, 6, Cambridge-road, Rathmines, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Scott, Samuel Russell, 62, Grove-park, Rathmines, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Seale, Richard, 9, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Seymour, Frederic Wilfred, The Palace, Waterford.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Seymour, Rev. St. John Drelincourt, Donohil Rectory, Cappawhite, Co. Tipperary.
B.A., *Æst.* 1903; Litt.D., *Æst.* 1921; Reg. *June* 30, 1921.
Smith, William Harden, 16, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Smyth, Herbert, 26, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Smyth, Louis Bouvier, 7, Zion Hill-avenue, Harold's Cross, Dublin.
B.A., *Hiem.* 1906; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Stazunsky, Leopold, 12, Trinity College.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Strawbridge, Rev. Robert, The Manse, Broughshane, Co. Antrim.
B.A., *Hiem.* 1915; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Todd, Alfred Henry Norman, 63, Lower Mount Street, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Vercueil, Leon Olivier, Adelaide Hospital, Dublin.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Walker, Victor George, Auckland, New Zealand.
B.A., *Æst.* 1918; M.D., *Æst.* 1921; Reg. *June* 30, 1921.
Warner, Joseph Alfred, Clohare, Skibbereen.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Watson, Rev. Samuel, The Manse, South Killarney, Queensland, Australia.
B.A., *Æst.* 1915; M.A., *Æst.* 1921; Reg. *June* 30, 1921.
Wellon, Samuel Gerald, Linziestown, Tomhaggard, Co. Wexford.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Westropp, Hugh Thomas George, 115, Strand-road, Sandymount.
B.A., *Æst.* 1921; Reg. *June* 30, 1921.
Wilson, Rev. Leslie, Walnut Grove, Glasnevin.
B.A. and M.A., *Æst.* 1921; Reg. *June* 30, 1921.

TOTAL ADDED, ... 95

Undergraduate Ordinary Examination Papers.

1920–1921.

Michaelmas Term, 1920.

AUTUMN ENTRANCE.

OCTOBER.

ARITHMETIC.

MR. HENRY.

1. What is the smallest number which will contain $5\frac{5}{6}$ and $3\frac{3}{4}$ each an exact number of times?

2. Employ contracted methods to find the value of

$$\frac{4 \times 3{\cdot}14159 \times (5{\cdot}363)^2}{30{\cdot}9154 \times {\cdot}0674}$$

correct to four significant figures.

3. Explain clearly why some vulgar fractions cannot be expressed as terminating decimals, and prove that in such cases the figures must recur.

4. Find the simple interest on £1175 from Jan. 30 to Oct. 11, 1920, at $5\frac{1}{2}$ per cent. per annum.

5. A ship worth £10,500 is lost, of which $\frac{2}{5}$ belonged to A, $\frac{1}{7}$ to B, and the remainder to C. If the insurance recovered be only £7000, find the loss sustained by each.

6. A river 12 feet deep and 50 yards wide at the mouth flows at the rate of $3\frac{1}{2}$ miles an hour. Find the number of cubic feet discharged into the sea per minute.

ALGEBRA.

MR. H. THRIFT.

1. Simplify

$$\frac{1 - \dfrac{2xy}{(x+y)^2}}{1 + \dfrac{2xy}{(x-y)^2}} \div \frac{\left(1 - \dfrac{y}{x}\right)^2}{\left(1 + \dfrac{y}{x}\right)^2}.$$

2. Divide $6x^4 - 13x^3 - 20x^2 + 30x - 8$ by $3x^2 + 4x - 2$.

3. Find the H. C. F. of $x^3 - x^2 - x - 2$ and $x^3 - x - 6$.

4. Add together the fractions

$$\frac{4 - x}{6x^2 - 13x + 6}, \quad \frac{x + 3}{2x^2 + 5x - 12}, \quad \frac{x + 5}{8 - 10x - 3x^2}.$$

5. Solve the equation

$$5 - x\left(3\tfrac{1}{2} - \frac{2}{x}\right) = \tfrac{1}{2}x - \frac{3x - (4 - 5x)}{4}.$$

6. Find two numbers which differ by 4 and such that one half of the greater exceeds one-sixth of the less by 8.

HISTORY AND GEOGRAPHY.

DR. LUCE.

1. Write an account of the Norman Conquest.

2. Sketch Elizabeth's relations with Mary, Queen of Scots.

3. Explain the foreign policy of the younger Pitt.

4. Trace the growth of our Indian Empire.

5. Write brief biographical notes on the following :—Thomas Cromwell, Wentworth, Palmerston, Gladstone.

6. Draw a map to illustrate the course of the Thames. Show the counties through which it flows, and mark the important towns on its banks.

7. Write a geographical note on the sea-borne trade of Ireland.

8. What changes in the map of Europe have resulted from the Great War?

9. Where are the following :—Zanzibar, Durban, St. Louis, Buenos Ayres, Vera Cruz, Belgrade, Hobart, Las Palmas, Alexandretta, Archangel?

LATIN COMPOSITION.

MR. CANNING.

1. For nine years and more the Greeks had besieged the city of Troy, and having very strong and valiant chiefs, they pressed the men of the city very hard.

2. It was the custom of the Greeks to leave a part of their army to watch the besieged city and to send a part on expeditions against the hostile towns in the country round about.

3. Having been away from home for many years, they were in great want of things needful, nor did they care much how they got them.

4. At last the Greeks made as if they had given up the siege and sailed away.

5. Then the Trojans issued from the city and beheld with wonder a wooden horse which their enemies had left behind.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either,

Un profond silence accueillit cette proposition. Ochoa regarda autour de lui en fronçant le sourcil.

— J'irai, moi ! s'écria Zampa Tortas, un jeune homme à l'air doux et modeste qui jusque-là n'avait pas dit un mot.

— Mais c'est un luron qu'il me faut, car la route est dangereuse, reprit Ochoa à l'aspect du jeune commis de la douane, car telle était la position sociale de Zampa Tortas.

— J'irai, reprit simplement le jeune homme, et je ne demande que le temps de seller mon cheval.

— Eh bien ! que Dieu vous accompagne ! dit Ochoa ; et il le prit à l'écart pour lui donner ses instructions.

— Maintenant, poursuivit le capitaine, notre devoir est tout tracé. Notre place est au Rancho, qui sera sans doute bientôt attaqué. Il est onze heures : dans trois, nous partirons ; que chacun aille se reposer pour se trouver sur la place au moment désigné.

Or,

Der Morgen war völlig angebrochen. Viele Füsiliere lagen noch an den alten Kochstellen und schrieben einige Worte an ihre Lieben daheim. Mancher zum letztenmal.

Dann hiess es : „An die Gewehre!“ und „Aus der Mitte in Reihen“ ging's auf die Landstrasse. Rechts und links des Weges lagen gelöschte Wachtfeuer, öde und unbehaglich. Wir marschierten ohne Gesang.

Um sieben Uhr überschritten wir mit donnerndem Hurra die Grenze. Wir waren in Feindesland. Hart hinter ihr lag ein erschossener Oesterreicher. Er war bis an die Haare mit seinem Mantel bedeckt. Es war der erste Tote.

2. Translate into French *or* German :—

In front of him he saw a small house surrounded by trees. The door was open, and an old woman was sitting in the garden. When she perceived him, she got up and went into the house, shutting the door. He did not know where he was, or why the old woman had got up and shut the door. He approached the gate, opened it, and knocked at the door. No one answered. He could not make the old woman hear. 'She must be deaf,' he said to himself, 'or she does not want to let me in.' At last he went away.

ENGLISH COMPOSITION.

MR. ALTON.

[Choose ONE subject.]

1. Travellers' Tales.
2. The Sea.
3. My favourite pastime.
4. A League of Nations.

SUPPLEMENTAL ENTRANCE EXAMINATION.

NOVEMBER.

ARITHMETIC.

MR. H. THRIFT.

1. Multiply 37·234 by 13·27, and find to two places of decimals the result of dividing the product by ·063.

2. Find the value of ·3635 of £1 + ·324 of £1 9*s.* 6*d.* + ·144 of £2 4*s.* 3*d.*

3. Find the cost of papering the walls of a room 21 feet 9 inches long by 15 feet 6 inches wide by 12 feet 6 inches high with paper 2 feet 6 inches wide, costing 1*s.* 3*d.* per yard.

4. Find to the nearest penny the compound interest on £245 for three years at 5 per cent. per annum.

5. In what proportions should tea at 1*s.* 10*d.* a pound be mixed with tea at 3*s.* 6*d.* a pound so that the mixture may be sold at 2*s.* 4*d.* a pound at a profit of 20 per cent.?

6. Find to four places of decimals the value of $\frac{1}{3+\sqrt{7}}$.

ALGEBRA.

MR. HENRY.

1. Divide $1 + x^2 + \frac{1}{x^2}$ by $1 + x + \frac{1}{x}$.

2. If $3b = 4c$, find the numerical value of

$$\frac{b^4 + c^4}{b^2 c^2}.$$

3. Solve the equation

$$\frac{1}{5}\left(\frac{3x}{4} + 2\right) - \frac{6x - 15}{7} = 3 - \frac{x}{4}.$$

4. Add together the fractions

$$\frac{4}{5(4x^2 - 1)}, \quad \frac{1}{2x^2 + 5x - 3}, \quad \frac{1}{2x^2 + 7x + 3}.$$

5. If $20a + b = 20b + c = 20c + a$, prove that $a = b = c$.

6. The head of a fish is ten inches long. The tail is as long as the head and half the back. The back is as long as the head and tail together. Find the whole length of the fish.

HISTORY AND GEOGRAPHY.

MR. JOHNSTON.

[Answer *six* questions.]

1. With what episodes do you associate the name of Henry II?

2. What was the origin of the English Parliament?

3. What were the general characteristics of the rule of the Tudors in England?

4. How and when was the principle of religious liberty established in England?

5. What were the principles at stake in the dispute between the American Colonies and England?

6. How and when did the institution of 'Colonial self-government' first come into existence? How was Canada, for example, governed before that date?

7. What is 'constitutional government,' and why is 'direct action' regarded as unconstitutional?

8. Where are Kashmir, Penang, Baku, Perm, Helsingfors, Osaka, Oklahoma, Washington State, The District of Columbia, Moycullen?

LATIN COMPOSITION.

MR. GODFREY.

Put into Latin:—

1. We ought not to let a day pass without learning something.

2. You must use your money, but not waste it.

3. He asked his men if they knew how many there were of the enemy.

4. 'My son,' said the angry father, 'depart at once, and never come into my house again.'

5. At the cave where these people lived it was Isabella's fortune to arrive. She had lost her way in a large forest, and, being unable to find any place where she could purchase food, she was almost dying with weariness and hunger. Seeing this cave, she entered, hoping to find someone within of whom she could procure food. On looking about, she discovered some cold meat, and immediately sat down and began to eat.

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

J'arrivai à la Meuse. La vue de l'eau me fit connaître une chose bien singulière : c'est que j'avais soif. Il y avait quinze heures que je n'avais bu. La soif, c'est une des pires souffrances de la guerre. Un champ de bataille, c'est le désert, le pays de la soif ; le manque d'eau est une des tortures de ces régions du feu. Je mourais de soif et ne m'en étais pas aperçu. Trop de sensations violentes m'avaient distrait de ce besoin. L'aspect de l'eau le réveilla comme une brûlure. C'était celle de la rivière, une eau suspecte, défendue, où des corps achevaient de pourrir. J'étais seul, je me couchai à plat ventre sur la berge et, pardonne, ô Gédéon ! pardonne, Ardant du Picq ! je bus, je bus à longs traits, je humai cette fraîcheur comme jamais chien de meute n'a lampé la glace des étangs de Commelles ou de Châalis.

2. Translate into French :—

He stopped, sat down, and began to speak. I do not remember what he said. I was looking at the man himself, and was not listening to his words. He was a tall, lean man, with black eyes and black hair. He was dressed in black, and carried a black stick. I had never seen anyone so lean, nor so tall. At last he stopped speaking (use *se taire*), got up, and went away slowly along the street. I followed him until he came to an inn. He went in, and I saw him no more.

ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an essay on *one* of the following subjects :—

1. Primitive man.
2. The motor as a friend or enemy of mankind.
3. Old friends and new acquaintances.
4. Energy.

JUNIOR FRESHMEN.

GEOMETRY.

MR. HENRY.

1. To how many right angles is the sum of the interior angles of a pentagon equal? Prove your result.

2. If in a triangle $AB^2 + AC^2 = BC^2$, show that the angle at A is right.

3. Show how to inscribe in a given circle a triangle of given shape.

4. Find the *complete* locus of a point P such that the perpendiculars drawn from P on two given intersecting straight lines (produced both ways to infinity) are equal.

5. Prove that the areas of triangles with equal altitudes are proportional to their bases.

6. State clearly and prove the relation connecting the pairs of sides about equal angles in triangles which are also equal in area.

7. Show how to describe two circles touching a given straight line and passing through two given points on the same side of the line.

8. Construct a square equal in area to a triangle whose sides are 5, 6, 7 units. Measure the side of the square.

9. In a segment of a circle the length of the chord is 8 cm. and the distance of an end of the chord from the centre of the arc 5 cm. Draw the complete circle.

10. Construct geometrically a third proportional to two lines whose lengths are 2·5 and 3·5 inches. Measure and verify by calculation.

ALGEBRA AND ARITHMETIC.

MR. ROGERS.

1. Solve the equation

$$\frac{3x - 14}{7} - \frac{2x - 3}{4} = \frac{3x - 5}{28}.$$

2. Find x and y from the equations

$$3x - 2y = 7$$
$$5x - 3y = -1.$$

3. Find three quantities such that their sum is equal to 140, one of them is one-fourth the sum of the other two, and another is three times the sum of the other two.

4. Find x to two decimal places from the equation

$$3x^2 - 7x - 5 = 0.$$

5. Solve the equations for x and y

$$x^2 - y^2 = 23,$$
$$x - y = 1.$$

6. Find the sides of a rectangular field containing one acre if its perimeter is 308 yards.

7. Find to two decimal places the radius of a circle which contains an area of 100 square feet.

$$[\text{Area of circle} = \frac{22}{7} \times (\text{radius})^2.]$$

8. Find the price of 3 per cent. Stock if a man can get $3\frac{1}{2}$ per cent. on the money invested after deducting income-tax at 5s. in £1.

9. Find $\cdot 0729 \times 3\cdot 245$.
Divide the product by $\cdot 099$.

10. Find, to the nearest halfpenny, the interest on £1,000 for 4 years at 10 per cent. compound.

TRIGONOMETRY.

MR. H. THRIFT.

1. If the Sun's diameter is 860,000 miles, and it subtends an angle of 32′ at the observer's eye, find the distance between the Sun and the Earth.

2. Express all the other trigonometrical ratios of an angle in terms of its cotangent.

3. Prove by means of diagrams the expressions for

$$\cos(90 + A), \quad \sin(180 + A), \quad \cos(270 - A)$$

in terms of the trigonometrical functions of A.

4. If $\sin A = \frac{12}{13}$ and $\tan B = \frac{7}{24}$, calculate the values of $\cos(A + B)$.

5. Prove the formula for $\cos(A - B)$ in terms of the sines and cosines of A and B.

6. In a plane triangle prove that $\tan \frac{A - B}{2} = \frac{a - b}{a + b} \cot \frac{C}{2}$.

7. In a plane triangle, assuming the value of $\cos A$ in terms of the sides, find the value of $\sin \frac{A}{2}$.

8. Calculate the area and the tangent of half the greatest angle of the triangle whose sides are 20, 99, 101 feet long.

9. Given $\log 3 = \cdot 47712$, $\log 2 = \cdot 30103$, find to two places of decimals the value of x from the equation $9^{2-3x} \times 4^{2x+5} = 16$.

10. Given in a plane triangle $C = 34° 36'$, $a = 80$, $b = 60$, $\log 7 = \cdot 8450980$, $L \tan 72° 42' = 10 \cdot 5065903$, $L \tan 24° 38' = 9\ 6613769$, $L \tan 24° 39' = 9 \cdot 6617103$, find A and B.

LATIN.

MR. JOHNSTON.

[Candidates should attempt *either* the Unprescribed Passage *or* the Latin Composition, but not both.]

Unprescribed Passage.

Translate:—

Ad hanc defectionem erecti sunt et aliarum civitatium animi, praesidiaque Romana aut pellebantur arcibus aut prodita per fraudem opprimebantur. Henna, excelso loco ac praerupto undique sita, cum loco inexpugnabilis erat, tum praesidium in arce validum praefectumque praesidii haud sane opportunum insidiantibus habebat. L. Pinarius erat, vir acer et qui plus in eo, ne posset decipi, quam in fide Siculorum reponeret. Et tum intenderant eum ad cavendi omnia curam tot auditae proditiones defectionesque urbium et clades praesidiorum. Itaque die ac nocte iuxta parata instructaque omnia custodiis ac vigiliis erant, nec ab armis aut loco suo miles abscedebat. Quod ubi Hennensium principes iam pacti cum Himilcone de proditione praesidii animadverterunt nulli occasioni fraudis Romanum patere, palam ac vi rati agendum urbem arcemque suae potestatis aiunt debere esse, si liberi in societatem, non servi in custodiam traditi essent Romanis.—Livy.

For Latin Composition.

Translate into Latin:—

On the very day on which the Senate was deliberating whether they ought to summon back to Rome the Master of the Horse, news was brought that he had led out the troops which had been left in the camp, and in a battle with the Samnites had suffered a great disaster. The Dictator would not even wait to learn what the Senate determined, but hurried back to the camp. The Master of the Horse, summoned before the tribunal, was asked why he, to whose care the safety of the Roman people had been entrusted, had without the orders of the Dictator led into battle the legions which he had been ordered to keep within the camp. The only reply he could make was that he had thought he ought to use the legions which he commanded for the good of the Roman people whenever an opportunity offered.

Translate:—

Sub idem fere tempus et legati, qui redierant ab Carthagine, Romam rettulerunt, omnia hostilia esse, et Sagunti excidium nuntiatum est; tantusque simul maeror patres misericordiaque sociorum peremptorum

indigne et pudor non lati auxilii et ira in Carthaginienses metusque de summa rerum cepit, velut si iam ad portas hostis esset, ut tot uno tempore motibus animi turbati trepidarent magis quam consulerent: nam neque hostem acriorem bellicosioremque secum congressum, nec rem Romanam tam desidem unquam fuisse atque imbellem. Sardos Corsosque et Histros atque Illyrios lacessisse magis quam exercuisse Romana arma, et cum Gallis tumultuatum verius quam belligeratum; Poenum hostem veteranum, trium et viginti annorum militia durissima inter Hispanas gentes semper victorem, duci acerrimo assuetum, recentem ab excidio opulentissimae urbis, Hiberum transire; trahere secum tot excitos Hispanorum populos; conciturum avidas semper armorum Gallicas gentes; cum orbe terrarum bellum gerendum in Italia ac pro moenibus Romanis esse.—Livy.

1. Parse *redierant, rettulerunt, peremptorum, consulerent, lacessisse, trahere.*

2. Describe the siege and capture of Saguntum.

GREEK.

MR. GODFREY.

Translate:—

ἀλλὰ καὶ ὑμᾶς χρή, ὦ ἄνδρες δικασταί εὐέλπιδας εἶναι πρὸς τὸν θάνατον, καὶ ἓν τι τοῦτο διανοεῖσθαι ἀληθές, ὅτι οὐκ ἔστιν ἀνδρὶ ἀγαθῷ κακὸν οὐδὲν οὔτε ζῶντι οὔτε τελευτήσαντι, οὐδὲ ἀμελεῖται ὑπὸ θεῶν τὰ τούτου πράγματα· οὐδὲ τὰ ἐμὰ νῦν ἀπὸ τοῦ αὐτομάτου γέγονεν, ἀλλά μοι δῆλον ἐστι τοῦτο, ὅτι ἤδη τεθνάναι καὶ ἀπηλλάχθαι πραγμάτων βέλτιον ἦν μοι. διὰ τοῦτο καὶ ἐμὲ οὐδαμοῦ ἀπέτρεψεν τὸ σημεῖον, καὶ ἔγωγε τοῖς καταψηφισαμένοις καὶ τοῖς κατηγόροις οὐ πάνυ χαλεπαίνω. καί τοι οὐ ταύτῃ τῇ διανοίᾳ κατεψηφίζοντό μου καὶ κατηγόρουν, ἀλλ' οἰόμενοι βλάπτειν· τοῦτο αὐτοῖς ἄξιον μέμφεσθαι.—Plato.

1. Parse *γέγονεν, ἀπηλλάχθαι, κατηγόρουν.*

2. What are the meanings of—*αὐτοσχεδιάζω, μεταμέλει, περιεργάζομαι?*

3. Who were the prosecutors of Socrates, and what was the date of his trial?

4. What was the charge brought against Socrates? Do you consider that he was justly condemned?

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English:—

Either—

Edgar, de mauvaise humeur et découragé, eut une seconde fois recours à sa malice pour se distraire.

Il se plaisait à embarrasser ceux à qui il parlait, en leur dévoilant leur véritable pensée, au moment même qu'ils exprimaient le contraire.

D'autres fois il s'amusait à répondre à des gens qui ne parlaient pas, et qui restaient confondus de se voir ainsi devinés.

Il y avait, près de la cheminée d'un des nombreux salons, un gros monsieur qui ne disait rien à personne et qui regardait l'heure attentivement; Edgar, sachant sa pensée, lui dit:

— On va souper tout à l'heure.

Et le monsieur de reculer d'étonnement, puis de se rassurer et de dire:

— Voilà un jeune homme aussi gourmand que moi.

Plus tard il faillit se faire une querelle avec un de ces graves politiques qui mentent hardiment par nature et par prudence, et qui croient ne faire que dissimuler par devoir. Leur conversation était vraiment risible à entendre.

Or—

Erbprinz. Sind das die Zimmer des alten Brummbärs? Ist das das Kabinett des Königs?

König. Zu dienen.

Erbprinz. Geh' Er hinein und meld' Er mich. Ich bin der Erbprinz von Baireuth!

König. Wofür hält mich der?

Erbprinz. Aber wie sieht Er denn aus? Schäm' Er sich. Er ist der Kammerhusar des Königs und empfängt so Personen, denen Sein König Audienz geben will?

König. Wollten—Ew. Hoheit—den König von Preussen sprechen?

Erbprinz. Er hört's ja. Meld' Er mich!

König. Den Augenblick, Hoheit.

Erbprinz. So will Er zu Seinem Herrn? In Hemdärmeln?

König. Ich stehe mit dem König auf einem sehr vertrauten Fusse!

Erbprinz. Ein merkwürdiger Hofstaat das! In den Antichambres stehen die Kammerhusaren in Hemdärmeln! Ich vermute, aus Sparsamkeit, um die Livreen zu schonen.

2. Translate into French *or* German:—

We met in an omnibus last evening. 'And where are you going now?' she asked, as she looked at me with amusement. 'I am going, if the awful truth must be told, to dine in Grosvenor Square.' 'And what do you do that for?' 'I do it because I am invited. 'And besides,' I went on, 'do you remember what the Persian mystics say of the Saints—that they are sometimes rich and live in big houses in order that they may be hidden from the profane?' She laughed. 'What do you mean?' she said. 'I must tell you another time. I have to get off here. Good night.'

ENGLISH COMPOSITION.

DR. LUCE.

[Choose *one* subject.]

1. Sir Roger de Coverley.
2. The Clown in *Twelfth Night*.
3. 'Some have greatness thrust upon them.'

SPECIAL PRELIMINARY EXAMINATION FOR MEDICAL STUDENTS.

GEOMETRY.

MR. H. THRIFT.

Theoretical.

1. ABC and DEF are two triangles in which AB and BC are respectively equal to DE and EF, but the angle ABC is greater than the angle DEF. Prove that AC is greater than DF.

2. If a and b are linear magnitudes, a being greater than b, prove geometrically that $a^2 - b^2 = (a - b)(a + b)$.

3. Prove for all cases that the angle at the centre of a circle is double the angle at the circumference standing on the same arc.

4. ABC is a triangle, and a line is drawn parallel to the base cutting the sides AB and BC in E and F respectively. Prove that

$$AB : BE :: CB : BF.$$

5. If two triangles have their sides proportional, prove that they are equiangular.

6. If four straight lines are in proportion, and similar figures are described on first and second, and similar figures on third and fourth, prove that the four figures are also in proportion.

Practical.

[Take as unit of length either a centimetre or a half-inch, and state which unit you adopt.

No proof need be given, but the method of construction should be stated.]

7. Construct a four-sided figure $ABCD$, in which $AB = 7$ units, $BC = 5{\cdot}5$ units, $CD = 3$ units, $DA = 3{\cdot}5$ units, and the angle $BAD = 60°$, and make a square equal to it in area.

8. Construct two equilateral triangles whose sides are $5{\cdot}5$ and $4{\cdot}5$ units in length, and construct a third equilateral triangle equal to the difference of their areas.

ARITHMETIC AND ALGEBRA.

MR. W. E. THRIFT.

1. Find the H.C.F. of $x^4 - x^3 - 13x^2 + 25x - 12$ and $x^4 - 6x^2 + 8x - 3$, and resolve each expression into its simplest factors.

2. Solve the equations

$$\begin{aligned} 3x - 4y + 5z &= 1; \\ x - 2y + z &= \tfrac{1}{30}; \\ 2x + y - 10z &= -1\tfrac{1}{12}. \end{aligned}$$

3. A, B, C are three points in a straight line, and AB is six times BC in length. Divide AC into two parts such that the sum of the squares on the parts is equal to the square on the difference between AB and BC.

4. Solve the equation

$$\frac{x-1}{x+1} + \frac{x-2}{x+2} = 2\left(\frac{x-3}{x+3}\right).$$

5. Find the factors of

(*a*) $x^4 + x^2y^2 + y^4$;

(*b*) $x^2(y-z) + y^2(z-x) + z^2(x-y)$.

6. Find to two decimal places the roots of the equation

$$5x^2 - 4x - 3 = 0.$$

7. Find the proportion in which teas at 2*s.* 2*d.* and 3*s.* 6*d.* per lb., respectively, should be mixed in order that a profit of 10 per cent. may be made by selling the mixture at 2*s.* 11*d.* per lb.

8. Find the cost of 7 cwt. 3 qrs. 22 lbs. at £2 13*s.* 8*d.* a cwt.

9. Find the true present worth, to the nearest penny, of a sum of £1150 due in 2 years, compound interest being allowed at 6 per cent. per annum.

10. Find, to three places of decimals, the value of $\dfrac{\sqrt{5}}{\sqrt{3}+\sqrt{2}}$.

LATIN.

MR. ALTON.

I.

Translate :—

Fastidiosam desere copiam et
Molem propinquam nubibus arduis;
Omitte mirari beatae
Fumum et opes strepitumque Romae.

Plerumque gratae divitibus vices
Mundaeque parvo sub lare pauperum
Cenae sine aulaeis et ostro
Sollicitam explicuere frontem.

Iam clarus occultum Andromedae pater
Ostendit ignem, iam Procyon furit
Et stella vesani Leonis,
Sole dies referente siccos:

Iam pastor umbras cum grege languido
Rivumque fessus quaerit et horridi
Dumeta Silvani, caretque
Ripa vagis taciturna ventis.

Tu civitatem quis deceat status
Curas et Urbi sollicitus times
Quid Seres et regnata Cyro
Bactra parent Tanaisque discors.
HORACE;

1. Parse fully—*desere, explicuere, occultum.*
2. Account for the case of *sole* and *ventis*, and for the mood of *deceat.*
3. Explain—*Andromedae pater, stella vesani Leonis, Tanais.*

II.

Translate into Latin :—

1. Virtue is the most beautiful of all things; take care that it is exercised diligently.

2. Nothing should deter a citizen from helping his country in time of danger.

3. I was persuaded to send him money and servants.

4. Thus consuls were created for the sake of preserving liberty.

5. Romulus and Remus determined to leave Alba, and to build a new city on one of the seven hills by the Tiber. But a quarrel arose between them which of them should give his name to the new city. It was agreed that the gods should decide by means of a sign. So Romulus waited on the Palatine for this sign, while Remus took his station on the Aventine.

FRENCH AND GERMAN.

PROFESSOR WATERHOUSE.

1. Translate into English :—

Either—

(*a*) *La première Leçon de vol.*

Voulez-vous voir deux choses étonnamment analogues? Regardez d'une part la femme au premier pas de l'enfant, et d'autre part l'hirondelle au premier vol du petit.

Les leçons sont curieuses. La mère se lève sur ses ailes ; il regarde attentivement et se soulève un peu aussi. Puis, vous la voyez voleter ; il regarde, agite ses ailes ... Tout cela va bien encore, cela se fait dans le nid ... La difficulté commence pour se hasarder d'en sortir. Elle l'appelle, elle lui montre quelque petit gibier tentant, elle lui promet récompense, elle essaye de l'attirer par l'appât d'un moucheron.

Le petit hésite encore. Et mettez-vous à sa place. Il ne s agit pas ici de faire un pas dans une chambre, entre la mère et la nourrice, pour tomber sur des coussins. Cette hirondelle d'église, qui professe au haut de sa tour sa première leçon de vol, a peine à enhardir son fils, à s'enhardir peut-être elle-même à ce moment décisif. Tous deux, j'en suis sûr, du regard plus d'une fois mesurent l'abîme et regardent le pavé ... Pour moi, je vous le déclare, le spectacle est grand, émouvant. Il faut qu'il croie sa mère, il faut qu'elle se fie à l'aile du petit si

novice encore ... Des deux côtés, Dieu exige un acte de foi, de courage. Noble et sublime point de départ! ... Mais il a cru, il est lancé, et il ne retombera pas.

Or—

(5) Der gute König Robert Bruce, der immer wachsam und vorsichtig war, hatte Kunde von dem Vorhaben dieser Partei erhalten, ihn plötzlich und in der Nacht zu überfallen. Deshalb stationierte er seine kleine Truppe von sechzig Mann bei einem tiefen und reissenden Flusse, dessen Ufer sehr steil und felsig waren. Der Fluss hatte nur eine Furt in jener Gegend, und diese Furt war tief und schmal, so dass kaum zwei Männer neben einander durchgehen konnten. Der Pfad, welcher von dem Rande des Wassers zu dem Ufer hinaufführte, war äusserst schmal und schwierig.

Bruce liess seine Leute sich niederlegen, um ein wenig zu schlafen, an einem Orte, der ungefähr eine halbe Meile von dem Flusse entfernt war, während er selbst mit zwei Begleitern hinunterging, um die Furt zu bewachen, durch die der Feind gehen musste.

2. Translate into French *or* German :—

Of his habits a few words will suffice. He rose very early and worked very hard. His clothes were very plain, never in the fashion, and never of fine cloth, but he was always perfectly tidy in his personal appearance. When I first saw him, though his coat was patched and old, he was as neat as could be. His food was plain and simple. He never smoked, and drank only milk and water. It was not till a few years before his death thas he ever tasted tea or coffee. He was very fond of music, and liked to hear his wife and children sing.

ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an Essay on *one* of the following subjects :—

1. The sights and sounds of Nature in Tennyson.
2. The courtiers of Charles and the servants of Louis.
3. The state of France in the days of Durward.

SUPPLEMENTAL FINAL FRESHMAN EXAMINATION AND SUPPLEMENTAL SENIOR FRESHMAN HILARY AND TRINITY EXAMINATIONS.

ARITHMETIC AND ALGEBRA.

MR. W. E. THRIFT.

1. Solve the equation

$$\frac{1}{x+3} - \frac{1}{x-2} = \frac{1}{x+1} - \frac{1}{x-4}.$$

2. Find to three decimals the roots of the equation

$$7x^2 - 6x - 5 = 0.$$

3. Solve the equations

$$5x - 11y + 10z = -3,$$
$$8x + 4y - 3z = 7,$$
$$3x - 7y + 14z = -1\tfrac{4}{5}.$$

4. Find the H.C.F. of

$$3x^4 + 4x^3 + 16x^2 + 25 \quad \text{and} \quad 9x^4 - x^2 + 18x - 20.$$

5. The sum of the cubes of two quantities is $\frac{35}{216}$, and the sum of the two quantities is $\frac{5}{6}$. Find the quantities.

6. How many eggs can a person buy for £3, if a fall in price of a halfpenny each would enable him to buy 20 more for the same money?

7. Find the compound interest on a sum of £2,500 for three years at 6 per cent. per annum.

8. Explain the difference between True Discount and Bankers' Discount, and show that the amount of the difference is equal to the interest on the True Discount.

9. Find the change in income that results from selling £1500 $2\frac{1}{2}$ per cent. Consols at $45\frac{7}{8}$, and investing the proceeds in 5 per cent. Stock at $83\frac{3}{4}$, if brokerage at $\frac{1}{8}$ per cent. is charged on each transaction.

10. Find the value of

$$\left(\frac{1}{8 - 2\sqrt{15}}\right)^{\frac{1}{2}}.$$

TRIGONOMETRY.

MR. FRASER.

1. An angle θ, greater than two right angles, is divided into any two parts A and B.

Prove

(*a*) $\sin\theta = \sin A\cos B + \sin B\cos A$;

(*b*) $\cos\theta = \cos A\cos B - \sin A\sin B$.

2. Prove that

$$\tan 3A = \frac{3\tan A - \tan^3 A}{1 - 3\tan^2 A}.$$

3. Given $\cos 2\theta = \frac{161}{289}$, find values for $\sin\theta$ and $\tan\theta$.

4. If the angles A, B, C are connected by the relation

$$A + B + C = 0,$$

find a relation connecting $\cos A$, $\cos B$, $\cos C$.

5. Express $\sin 22\frac{1}{2}^\circ$ and $\cos 36^\circ$ as surds.

6. Given $\sin A = \frac{8}{17}$, $a = 17$, $b = 10$, show that two triangles can be constructed. Calculate C, $\sin C$, and the radius of the circumscribing circle for both.

7. A flagstaff, 'a' feet high, stands on the top of a tower, and, at a point on the horizontal plane on which the tower stands, the tower and flagstaff subtend the same angle A. Prove that the height of the tower is $a\cos 2A$.

8. Given two sides and the included angle of a triangle, show how to calculate the remaining parts.

(*a*) Express the third side in a form suitable for logarithmic calculation.

9. Adopting the usual notation in connexion with a triangle, prove that

$$r = \frac{a\sin B\,.\,\sin C}{\sin A + \sin B + \sin C}.$$

10. (*a*) If

$$x^\alpha = \frac{l^\beta\,.\,m^\gamma}{\sqrt[\delta]{n}},$$

prove

$$\alpha\log x = \beta\log l + \gamma\log m - \frac{\log n}{\delta}.$$

(*b*) If $a^x = b^y$, prove that

$$\frac{x}{y} = \log_a b.$$

LOGIC.

MR. MACRAN.

1. Express in logical form :—

(*a*) 'Not every brilliant speech is a proof of wisdom.'

(*b*) 'None of those examined failed to pass.'

(*c*) 'I am sure there is not a man of honour who would not shrink from such humiliation.'

(*d*) 'There is one thing only which gathers people into seditious communities, and that is oppression.'

2. Explain and criticize the following statement :—'As the intension of a term is increased, the extension is decreased.'

3. Point out the logical relation that exists between the proposition 'The cold always kills the plants' and—

(*a*) 'What fails to kill these plants is never the cold.'

(*b*) 'Sometimes the death of these plants is caused by the cold.'

(*c*) 'Sometimes the cold does not kill these plants.'

(*d*) 'The cold never fails to kill these plants.'

4. Show that the mood EIO is valid in all the syllogistic figures, and the mood IEO never valid.

5. Explain and illustrate the following logical terms :—(*a*) *Law of Excluded Middle*, (*b*) *Undistributed Middle*, (*c*) *Circle in Definition*, (*d*) *Fundamentum divisionis*, (*e*) *Petitio principii*, (*f*) *Specific Difference*, (*g*) *Illicit Process of the Major*, (*h*) *Enthymeme*, (*i*) *Category*, (*j*) *Predicable*.

MECHANICS.

MR. H. THRIFT.

1. A uniform beam 20 feet long, weighing 35 pounds, has weights of 21 and 7 pounds hung on at distances of 2 and 16 feet respectively from one end, and is supported on two props distant 7 and 14 feet from the same end. What weight must be hung on at the other end in order to make the pressures on the two props equal?

2. Forces equal to the weights of $4, 3\sqrt{2}, 1, 3$ pounds act at a point, the angle between the first and second being 75°, between the second and third 45°, and between the third and fourth 90°, all the angles being measured in the same direction. Find the magnitude and direction of their resultant.

3. Prove that the sum of the moments of two forces, whose lines of action meet in a point, round any point in their plane is equal to the moment of their resultant round the same point.

4. A weight of 364 pounds rests on a rough inclined plane whose slope is $\sin^{-1}\frac{7}{25}$ and for which the coefficient of friction is $\frac{2}{7}$. Find the force acting parallel to the base of the plane which will just prevent the weight from slipping down the plane.

5. Draw a sketch of a system of 4 light pulleys in which each string is attached to the weight. Mark on each string its tension in terms of the power applied, and determine the mechanical advantage. Prove that the work done by the power equals that done against gravity in raising the weight.

6. Find the force in pounds weight which will stop in 55 yards a mass of 1 cwt. moving with a velocity of 45 miles per hour.

7. A particle is projected with a velocity of 160 feet per second in a direction making an angle of 30° with the horizontal. At what times will it be at a height of 96 feet above the horizontal line drawn through the point of projection?

8. Masses of 18 and 14 ounces are connected by a light string passing over a smooth pulley. Write down for each mass the equation which determines its motion, and calculate the acceleration of the system and the tension of the string.

9. A mass of 8 pounds is moving due east with a velocity of 16 feet per second when it begins to be acted on by a constant force. Five seconds later it is to be found moving due north with a velocity of 63 feet per second. Find the magnitude and direction of the force.

10. A mass of 14 pounds moving with a velocity of 10 feet per second collides with a mass of 16 pounds moving in the opposite direction with a velocity of 8 feet per second. Find the loss in kinetic energy of the system.

For Senior Freshmen Supplementalists.

[Questions 1–5 of the foregoing and the following:—]

6. Show that two coplanar couples whose moments are equal and opposite balance.

7. $ABCD$ is a rectangle whose side AB is 18 inches long and BC 8 inches long. On BC with its vertex remote from AD there is constructed an isosceles triangle whose sides are 5 inches long. Find the centre of gravity of the whole figure.

8. A body of 52 pounds weight is suspended by two strings of lengths 5 and 12 feet attached to two points in the same horizontal line whose distance apart is 13 feet. Find the tensions in the strings.

LATIN.

SIR R. W. TATE.

I.

Translate into Latin:—

(*a*) He said that the enemy had been so frightened that they would never fight again.

(*b*) Having heard this, he perceived that the ambassadors spoke the truth.

(*c*) There is no one but knows that one who does not till his land will look in vain for a harvest.

(*d*) The English immediately fled; the rout was total, and the slaughter prodigious. The consternation which this defeat and the death of Harold produced over the kingdom was more fatal than the defeat itself. If William had marched directly to London, all contest had probably been at an end; but he judged it more prudent to secure the sea-coast and await reinforcements.

II.

Translate into English :—

At pater Anchises penitus convalle virenti
Inclusas animas superumque ad lumen ituras
Lustrabat studio recolens, omnemque suorum
Forte recensebat numerum carosque nepotes,
Fataque fortunasque virum moresque manusque.
Isque ubi tendentem adversum per gramina vidit
Aenean, alacris palmas utrasque tetendit,
Effusaeque genis lacrimae, et vox excidit ore:
Venisti tandem, tuaque exspectata parenti
Vicit iter durum pietas? Datur ora tueri,
Nate, tua, et notas audire et reddere voces?
Sic equidem ducebam animo rebarque futurum,
Tempora dinumerans, nec me mea cura fefellit.

1. Parse: *ituras*, *nepotes*, *tetendit*, *datur*, *rebar*.

2. Quote or give the substance of the allusion to *Orestes* in Book IV. of the *Aeneid*.

GREEK.

MR. GODFREY.

1. Translate :—

οἷος δ' ἀστὴρ εἶσι μετ' ἄστρασι νυκτὸς ἀμολγῷ
ἔσπερος, ὃς κάλλιστος ἐν οὐράνῳ ἵσταται ἀστήρ,
ὣς α�ίχμης ἀπέλαμπ' εὐήκεος, ἣν ἄρ' Ἀχιλλεὺς
πάλλεν δεξιτερῇ, φρονέων κακὸν Ἕκτορι δίῳ,
εἰσορόων χρόα καλόν, ὅπῃ εἴξειε μάλιστα.
τοῦ δὲ καὶ ἄλλο τόσον μὲν ἔχε χρόα χάλκεα τεύχεα,
καλά, τὰ Πατρόκλοιο βίην ἐνάριξε κατακτάς·
φαίνετο δ' ᾗ κλῖδες ἀπ' ὤμων αὐχέν' ἔχουσι,
λαυκανίην, ἵνα τε ψυχῆς ὤκιστος ὄλεθρος·
τῇ ῥ' ἐπὶ οἱ μεμαῶτ' ἔλασ' ἔγχεϊ δῖος Ἀχιλλεύς,
ἀντικρὺ δ' ἀπαλοῖο δι' αὐχένος ἦλυθ' ἀκωκή.

Homer.

2. Give the meanings of the following Homeric epithets, and state to whom they are applied :—γλαυκῶπις, εὐρύοπα, ἀελλόπος, κορυθαίολος, Ἀργειφόντης, ἐριούνιος, ἀργυρότοξος.

3. Parse and give the meanings of:—ἔδεαι, ἦος, κέατο, ἱκέτεω, οἰήκεσσι, εὖ, κτενέει, ἀλέη.

4. What do you consider to be the most powerful scene in the twenty-second and twenty-fourth books of the *Iliad*

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Nous étions pourtant depuis dix ans dans ce pays lorsque Meaulnes arriva.

J'avais quinze ans. C'était un froid dimanche de novembre, le premier jour d'automne qui fît songer à l'hiver. Toute la journée, Millie avait attendu une voiture de La Gare qui devait lui apporter un chapeau pour la mauvaise saison. Le matin, elle avait manqué la messe ; et jusqu'au sermon, assis dans le chœur avec les autres enfants, j'avais regardé anxieusement du côté des cloches, pour la voir entrer avec son chapeau neuf.

Après midi, je dus partir seul à vêpres.

— D'ailleurs, me dit-elle, pour me consoler, en brossant de sa main mon costume d'enfant, même s'il était arrivé, ce chapeau, il aurait bien fallu, sans doute, que je passe mon dimanche à le refaire.

Or—

In Brandenburg in der Nähe des Markts war Eulenspiegel in der Herberge wohl vierzehn Tage. Und hart daneben wohnte ein Schneider, der hatte drei Gesellen auf einem Laden sitzen und nähen. Und wenn Eulenspiegel vorüber ging, so spotteten sie seiner oder warfen ihm einen Fetzen nach. Eulenspiegel schwieg stille und wartete die Zeit ab. Eines Tages, da der Markt voll Leute war, hatte Eulenspiegel in der Nacht zuvor die Ladenpfosten durchgesägt, sie aber ruhig auf den Steinen stehen lassen. Des andern Morgens liessen nun die Schneider den Laden auf die Pfosten herab, setzten sich darauf und nähten. Da nun der Schweinehirt blies, dass jedermann seine Schweine austreiben liess, kamen des Schneiders Schweine auch aus dem Hause gelaufen und gerieten unter das Fenster und begannen sich an den Ladenpfosten zu reiben, so dass die Pfosten von dem Reiben unter den Laden wichen, und die drei Gesellen von dem Laden herab auf die Gasse purzelten.

2. Translate into French *or* German :—

We went into a coffee shop. It stands at the corner of the street which is opposite the Steam Packet beerhouse. You may easily recognize the place. The time was three in the afternoon. The children were at school. We had the coffee shop to ourselves. We ate, lit our pipes, and began to talk. And there we sat for several hours, until it began to get dark. Then we got up and went away. It was raining. So we had to hurry.

DUTCH.

DR. GOLIGHER.

1. Translate into English :—

Arnaldo en Candido, als twee stramme, oudere heeren, repten zich naar den notaris. En met een belletje hier en een belletje daar werden de beide zonen Dario en Orazio opgetelefoneerd.

— . . . . Het is om een erfenis, Dario . . . . Orazio, het is om een erfenis !

In minimum van tijd waren de serieuze jongelui op het kantoor, bij den notaris, samen, met hunne beide dartele vaders. Maar de vaders deden niet dartel ; zij deden als èchte mannen-van-zaken.

— Zie je, Dario, zei Candido ; dàdelijk de boel van de hand doen, dat zegt de notaris ook, zoû een gróot verlies ons geven. Je weet, ik was het nooit éens met je moeder, dat ze pleizier had in die operette-onderneming ; wij zijn te deftige lui voor zoo iets, en jij, natuurlijk, sprak er ook nooit over met je mede-officieren, maar . . . . nu het eenmaal zoo is, nu we die boel erven, kerel . . . . gaat het toch heusch niet aan die heele rommel, die misschien wel een paar honderd-duizend francs waard is . . . .

(De notaris, wien een goed souper was beloofd in den cercle, beaâmde dat ten volle . . . .)

— Voor misschien . . . . tienduizend balletjes van de hand te doen . . . . Daarom dacht ik er over, Dario, ik moest heusch nog maar wat dóor gaan met de ,, impresa," tot dat wij de heele santekraam voor een goede som kunnen verkoopen . . . . Kijk, gèld heb jij toch ook noodig, wil je een chique militaire carrière maken . . . .

— En . . . . voegde oom Arnaldo thans er aan toe, sprekende tegen zijn zoon Orazio, die er reeds in zijn gekleede-jas als een minister uitzag, terwijl zijn vader een beetje verlegen glimlachende voor hem stond in een vroolijke, Engelsche ruit, en veston, met een anjelier in het knoopsgat ; nu dacht ik, Orazio, mijn vriend Candido, daar te Venetië, een beetje te hèlpen, zie je, met de ,, impresa," want, God kerel, zonder toezicht en contrôle, bestélen ze je, bestélen ze je . . . . En dan deel ik met Candido in de recette . . . . en dat komt jou toch óok ten goede . . . . voor je politieke loopbaan, zie je . . . . —LOUIS COUPERUS.

2. Translate into Dutch :—

'You can, no doubt, give me references ?' said the old countess. 'I have not the pleasure of your acquaintance, and it is customary for lodgers to supply references when they take furnished apartments. May I apply to your consul ?'

Alvina and Dorothy exchanged glances.

'The consul ?' said Alvina, hesitatingly 'We have not yet called upon him. It was only yesterday we arrived. The hotel is expensive ; we wished to get rooms without delay . . . . No, madam, I can really give you no references ; I have only my passport. This lady is my

sister; there, in the carriage, are my children. . . . . Perhaps, then, it is better for us to call again, when we have visited the consul?'

Suddenly the old countess had a vision of her rooms, empty again for a whole winter. Besides, she also had, from the balcony, seen the carriage, full of fair curly heads and bright faces; and children she had always fondly loved.

ENGLISH COMPOSITION.

DR. LUCE.

(*Choose* ONE *subject.*)

1. Queen Margaret's curse.
2. The life and character of Clarence.
3. Thackeray as an artist.
4. Steele.

JUNIOR SOPHISTERS.

MATHEMATICAL PHYSICS.

MR. H. THRIFT.

1. Forces equal to the weights of 1, 2, $2\sqrt{3}$, $\sqrt{3}$ pounds act at a point, the angle between the first and second being 60°, between the second and third 90°, and between the third and fourth 120°, all the angles being measured in the same direction. Find the magnitude and direction of their resultant.

2. A uniform rod AB, 35 feet long, weighing 75 pounds, rests with one end A against a rough vertical wall, and is held in equilibrium by a string CD, 32 feet long, connecting a point C in the rod 28 feet from A, with a point D in the wall 20 feet vertically above A. Find the tension of the string and the magnitude and direction of the reaction between the rod and the wall.

3. A stone is let fall from the top of a tower, and during the last second of its flight it falls $\frac{7}{15}$ths of the whole distance. Find the height of the tower.

4. Two scale-pans, each of mass 15 grammes, are connected by a light string passing over a smooth pulley. If masses of 12 and 6 grammes are placed one in each pan, find the pressures of the masses on the pans during the ensuing motion.

5. A bullet of mass 4 ozs. moving with a velocity of 1,200 feet per second strikes against a target of mass 16 pounds, in which it embeds itself. If the target is free to move, find the difference between the original and final kinetic energy of the system.

6. A specific gravity bottle weighs 53 grammes; when filled with water it weighs 149 grammes, and when filled with oil it weighs 129·8 grammes. 125 grammes of a powder are introduced into it, and it is again filled with oil and weighs 194·8 grammes. Find the specific gravity of the oil and the powder.

7. Water has risen in a canal-lock to a height of 16 feet against a gate 9 feet in breadth. Find the total pressure on the gate, and the pressure per square inch at its base.

8. What weight of air enters or leaves a room whose volume is 8,700 cubic feet when the barometer rises from 28 to 30 inches, and at the same time the temperature rises from 17° C. to 27° C., given that a cubic foot of air at pressure 30 inches and temperature 0° C. weighs 1·25 ozs?

9. Explain by diagrams how the position and size of the image of an object in a concave mirror will change as the distance of the object from the mirror changes.

10. The radii of the spherical surfaces of a thin double convex lens of glass (refractive index $\frac{3}{2}$) are 6 and 8 inches. Find where light from a source 12 inches from the lens will be brought to a focus after transmission through the lens.

ASTRONOMY.

MR. FRASER.

1. State the most important characteristics of the Sun and Moon.

2. Explain clearly how an astronomer at an observatory can determine a good approximation to the coefficient of refraction and the latitude of the observatory, and state his reason for believing that the 'law of refraction' gives a fairly accurate result.

3. State what you mean by the term 'eccentricity of the Earth's mean orbit.'

How have astronomers determined a good approximation to its value?

4. Explain why the mean temperature in the northern hemisphere is greater in August than in June, and greater in the afternoon than at mid-day.

5. Write a short note on the tides. Explain what is meant by 'spring' and 'neap' tides.

6. State the reasons which might be given as an explanation of the evolution of the 'solar system.'

7. Explain what is meant by the term 'equation of time,' and its two different causes.

State the times of a year during which its value due to each cause is additive or subtractive.

8. Prove that the annual parallax of a star varies as the sine of the angular distance of the star from the Sun.

9. State what is known about the physical constitution of comets.

10. How is the mean time at Greenwich obtained by the method of 'lunar distances'?

LATIN.

MR. GODFREY.

1. Translate:—

'Sunt quibus in satura videar nimis acer et ultra
Legem tendere opus; sine nervis altera quidquid
Composui pars esse putat similisque meorum
Mille die versus deduci posse. Trebati,
Quid faciam praescribe.' 'quiescas.' 'ne faciam, inquis,
Omnino versus?' 'aio.' 'peream male, si non
Optimum erat; verum nequeo dormire.' 'ter uncti'
Transnauto Tiberim, somno quibus est opus alto,
Inriguomque mero sub noctem corpus habento.
Aut si tantus amor scribendi te rapit, aude
Caesaris invicti res dicere, multa laborum
Praemia laturus.' 'cupidum, pater optime, vires
Deficiunt: neque enim quivis horrentia pilis
Agmina nec fracta pereuntis cuspide Gallos
Aut labentis equo describit volnera Parthi.'

2. Parse and give the meanings of:—trutina, verrucis, personatus cerebrosus, pulmentaria, edormit, perna, scobe, cetaria, vitale, garo, agaso.

Composition.

It has been a favourite subject for discussion with historians whether, after the battle of Cannae, Hannibal ought to have advanced at once to Rome. Livy says his Lieutenant Maharbal offered to make him master of Rome within five days, and when Hannibal refused, exclaimed, 'Hannibal, you know how to conquer, but not how to use your conquest.' But, no doubt, the great Carthaginian general knew his own trade of war better than historians, who are ignorant of such matters.

GREEK.

MR. JOHNSTON.

Translate:—

ΠΡ. *σὺ δ' αὖ κέκραγας κἀναμυχθίζει· τί που*
δράσεις, ὅταν τὰ λοιπὰ πυνθάνῃ κακά;
ΧΟ. *ἦ γάρ τι λοιπὸν τῇδε πημάτων ἐρεῖς;*
ΠΡ. *δυσχείμερόν γε πέλαγος ἀτηρᾶς δύης.*

ΙΩ. *τί δῆτ' ἐμοὶ ζῆν κέρδος, ἀλλ' οὐκ ἐν τάχει*
ἔρριψ' ἐμαυτὴν τῆσδ' ἀπὸ στύφλου πέτρας,
ὅπως πέδῳ σκήψασα τῶν πάντων πόνων
ἀπηλλάγην; κρεῖσσον γὰρ εἰς ἅπαξ θανεῖν,
ἢ τὰς ἀπάσας ἡμέρας πάσχειν κακῶς.

ΠΡ. *ἢ δυσπετῶς ἂν τοὺς ἐμοὺς ἄθλους φέροις,*
ὅτῳ θανεῖν μέν ἐστιν οὐ πεπρωμένον·
αὕτη γὰρ ἦν ἂν πημάτων ἀπαλλαγή·
νῦν δ' οὐδέν ἐστι τέρμα μοι προκείμενον
μόχθων, πρὶν ἂν Ζεὺς ἐκπέσῃ τυραννίδος.

ΙΩ. *ἦ γάρ ποτ' ἐστὶν ἐκπεσεῖν ἀρχῆς Δία;*

ΠΡ. *ἥδοι' ἄν, οἶμαι, τήνδ' ἰδοῦσα συμφοράν.*

ΙΩ. *πῶς δ' οὐκ ἂν, ἥτις ἐκ Διὸς πάσχω κακῶς;*

ΠΡ. *ὡς τοίνυν ὄντων τῶνδέ σοι μαθεῖν πάρα.*

ΙΩ. *πρὸς τοῦ τύραννα σκῆπτρα συληθήσεται;*

ΠΡ. *αὐτὸς πρὸς αὑτοῦ κενοφρόνων βουλευμάτων.*

ΙΩ. *ποίῳ τρόπῳ; σήμηνον, εἰ μή τις βλάβη.*

ΠΡ. *γαμεῖ γάμον τοιοῦτον, ᾧ ποτ' ἀσχαλᾷ.*

ΙΩ. *θέορτον, ἢ βρότειον; εἰ ῥητὸν, φράσον.*

AESCHYLUS.

1. Parse *κέκραγας*, *σκήψασα*, *συληθήσεται*, *φράσον*, giving the principal parts.

2. By what considerations is the probable date of the *Prometheus Vinctus* determined?

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into French *or* German :—

When Fräulein was a child in Germany her parents lived in the greatest luxury. They had everything money can buy. They were immensely rich. They lived in an actual castle, and had their own horses and carriages, and at least ten servants. They had an estate in the country, and went with nothing but the nobility. Fräulein's mother never went out driving without two men on the box.

If anyone in her childhood had even mentioned to Fräulein that one fine day she would have to earn her own living, she would have laughed in their face. She was brought up to have not the slightest regard for money. For who ever thought that *they* would ever need it? If they had wanted to, they could have thrown gold by the handfuls out of the window, and it wouldn't have mattered in the least.

Fräulein was brought up like a little princess. She used to have her own horses, and a pony cart, and whenever she went out, people used to turn around in the street and look at her. But then her parents lost all their money. And so Fräulein had to go and earn her own living. No one knows what a thing it is to have to earn your own bread in the house of strangers who look on you as if you were a common servant! And the worst of it is that if you'd have your rights, you'd be as rich as the richest people, and far, far from here!

2. Translate into English: —

Either—

Gaspard de la Nuit ne peut être retenu que comme une date dans l'histoire de la littérature. A sa manière il donne à penser qu'il n'existe pas de condition morale de la beauté. Avec lui on commence à s'intéresser à autre chose qu'aux courses d'obstacles. Il est inadmissible que le langage triomphe insolemment de difficultés voulues (prosodie), que l'ambition du poète se borne à savoir danser dans l'obscurité parmi des poignards et des bouteilles. Le vœu de Baudelaire: 'Qui n'a rêvé le miracle d'une prose poétique, musicale, sans rythme et sans rime, assez souple et assez heurtée pour s'adapter aux mouvements lyriques de l'âme, aux ondulations de la rêverie, aux soubresauts de la conscience?' peut fort bien être interprété dans ce sens. Certes la prose de Louis Bertrand diffère sensiblement de cet idéal, et Baudelaire ne semble pas avoir été plus heureux. C'est que tous deux ne cessèrent en écrivant de se placer dans le cadre du 'poème,' en sorte qu'il s'établit promptement un modèle du genre et qu'on put apprendre la règle du nouveau jeu. On 'composa' dès lors des poèmes en prose tout comme des sonnets.

Or—

Diese Parodie hatte einen kolossalen Erfolg. Das Publikum, das bei der Aufführung der Inèstragödie vor Rührung in Tränen ausgebrochen war, wurde jetzt durch das lustige Stück Agnès de Chaillot aufs höchste ergötzt. Selbst La Motte, der doch sonst gegen diese Art der Kritik sehr aufgebracht ist, gesteht, dass er bei der Aufführung dieser Parodie wahres Vergnügen gehabt habe. Dieses Stück erscheint uns als das Vorbild einer guten Parodie. Die Tragödie wird in ihren Situationen und Charakteren auf das Dorf verpflanzt. Alle komischen Wirkungen, deren es sehr viele gibt, werden besonders dadurch erzielt, dass die auftretenden Personen ihre äussere Stellung ändern. Der König wird zum ehemaligen Amtmann von Chaillot, einem kleinen Dorfe; Don Pèdre is des Amtmanns Sohn Pierrot; Inès nennt sich jetzt Agnès und dient als Magd bei dem Amtmann. In ähnlicher Weise werden auch die übrigen Personen der Tragödie geändert. Der Verfasser folgt Schritt für Schritt der Intrigue der Tragödie. Die feierliche Rede des Gesandten von Kastilien, die man so oft an der Inèstragödie getadelt hatte, wird ersetzt durch die Rede des Abgesandten von Gonesse, der Crouton heisst und in seinem Patois dem Amtmann Glückwünsche darbringt, weil sein Sohn Trivelin im Armbrustschiessen den Preis davongetragen hat.

PSYCHOLOGY.

MR. ROGERS.

1. How do we come to distinguish between the Self and outer objects?

2. Write a note on the classification of psychological elements.

3. How does Höffding criticize (*a*) materialism, (*b*) spiritualism, (*c*) dualism?

4. What are the principal parallels (according to Höffding) between mind and the organism?

5. Höffding introduces the idea of unconscious mental processes in order to answer an objection to his theory of the relation between mind and body?

6. What can be said in favour of the theory that consciousness is not subject to causal law? What does Höffding think of this?

7. State, with examples, Höffding's Laws of Association of Ideas. Which does he regard as fundamental?

HISTORY.

MR. BASTABLE.

[FIVE *questions to be selected.*]

1. Sketch concisely the general features of the legislation and judicial reforms of Edward I. How are they related to the policy of Henry II?

2. Trace the connexion of the Wycliffite movement with the social changes of the fourteenth century. What explanations have been given of the peasant revolt?

3. Give an account of the policy of Thomas Cromwell. Is it true to say that 'the success of his measures brought about the ruin of his policy'?

4. What important measures were passed by the Long Parliament before its breach with Charles I? How far were they in accordance with the older English constitution?

5. Examine and criticize the foreign policy of Charles II.

6. Explain the constitutional position of Ireland in the period from the Revolution to the accession of George III.

7. Trace briefly the course of Wellington's Spanish campaigns (1809-1813).

8. 'Walpole was not only the first English Peace Minister; he was the first English Minister who was a great financier.'
Illustrate and discuss this judgment.

EDUCATION.

MR. HENRY.

[Answer *three* questions.]

Junior Sophisters.

1. Sketch the beginnings among primitive communities of scientific and technical instruction respectively.

2. What place does each of the following play in the history of Education—the Iliad, the Republic of Plato, the Ten Tables, Horace's Odes?

3. Discuss the physiological justification of the principle of freedom, and the moral difficulties involved in its application to child-training.

4. Explain the relation between sensory and motor impulses, and consider the best method of training each of the two.

5. Examine the connexion between instinct and habit, giving practical deductions likely to be useful to teachers.

Trinity Supplementalists.

6. Describe the chief novel features of the 'little schools' of Port Royal.

7. Discuss the relation between Rousseau's political and educational theories.

8. Explain different meanings of the 'threshold' of consciousness, and show the importance of subliminal mental elements.

9. Illustrate fully the use of 'graphic hypotheses.'

10. State clearly the logical principle of 'excluded middle,' and give instances of its practical use in reasoning.

MR. R. M. GWYNN.

ENGLISH COMPOSITION.

Write an essay on *one* of the following subjects:—

1. The personal character of Queen Elizabeth as manifested in her policy.

2. The difficulties faced by Queen Elizabeth.

3. The Reign of Terror and its ministers as painted by Dickens.

4. The French and Russian Revolutions.

GENERAL EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS.

MATHEMATICAL PHYSICS.

MR. W. E. THRIFT.

1. An inclined plane is 25 inches long, and its base is 24 inches long. Find the work done in pulling a body weighing 112 lbs. to the top of it, if the coefficient of friction is $\frac{1}{4}$, and the applied force acts in a direction inclined at an angle of 30° to the plane.

2. Draw a diagram of a system of 3 movable and one fixed pulley in which each cord is attached to the weight, and find what weight can be supported by a pull of 14 lbs. weight, if each pulley weighs 1 lb.

3. A string, passing over a smooth pulley, has two scale-pans, each weighing 3 ozs., attached to its ends. If masses of 4 and 5 ozs. are placed in the pans, find the acceleration of the system, the tension of the string, and the pressure of each mass upon the scale-pan.

4. Two bodies, of 10 lbs. and 15 lbs. mass, are moving towards one another with velocities of 12 and 4 ft. per second respectively. Find the velocity with which they will move, if they adhere after impact, and calculate their loss in kinetic energy.

Give the physical reason for any equation of which you make use.

5. A body weighing 16 lbs. is moving due north with a velocity of 12 ft. per second: find the magnitude and direction of the force acting on it for 3 seconds, if, after the action of the force, the body is moving west with a velocity of 5 ft. per second.

6. Show that the pressure at any point of a fluid at rest is the same in all directions.

7. A density bottle weighs 12 gr. when empty. A quantity of powder is put in it, and the weight is then found to be 33 gr. The bottle is filled up with a liquid, which does not dissolve the powder, and the total weight is found to be 45 gr. When filled with water, the bottle weighs 37 gr.; if filled with the liquid, it weighs 32 gr.

Find the volume of the bottle and the densities of the powder and the liquid.

8. For a thin concavo-convex lens, prove the formulae

$$\frac{1}{F} = \frac{1}{f'} - \frac{1}{f} = (\mu - 1)\left(\frac{1}{r} - \frac{1}{r'}\right),$$

where F is the focal length of the lens, f and f' the distances from the lens of a source of light and its conjugate focus, and r and r' the radii of curvature of the two surfaces of the lens.

Explain how the same formula may be used for any thin lens.

9. Describe the astronomical refracting telescope, and show that the ratio of the focal lengths of its object-glass and eyelens measures the magnifying power of the telescope.

10. Describe Hadley's sextant, and explain how the angular distance between two distant objects may be measured by means of it.

ASTRONOMY.

MR. H. THRIFT.

1. Describe a celestial globe, and explain how you would set it up to show the appearance of the heavens at a given place at a given time.

2. What are our reasons for thinking that the Moon's atmosphere, if it exists, must be extremely rare?

If the Moon was once part of the Earth, she must have had both air and water. What hypotheses have been put forward to account for their disappearance?

3. Explain how you would determine the constant coefficient of refraction at a place whose latitude is known.

4. Describe a prism spectroscope. Describe the appearance of the spectrum of (*a*) a luminous solid, (*b*) an electric discharge through a rarefied gas, (*c*) the Sun.

5. Show how the annual parallax of Jupiter has been determined.

6. Explain the plan that has been adopted for classifying stars according to their magnitudes. What is the magnitude of the Sun on this scale?

Nova Persei increased in brightness in a certain period 25,000 times, how many magnitudes did it rise (log 2 = ·3010)?

7. How would you determine your latitude at sea on a day when the Sun is not visible when it is in the meridian, but can be observed at intervals during the day?

8. What is a double star? Distinguish between stars optically and physically double. How can we determine to which class a double star belongs? Mention some double stars.

LATIN.

DR. GOLIGHER.

[Candidates are to attempt A, and *either* B *or* C]

[A.]

1. Translate:—

Vulteium mane Philippus
Vilia vendentem tunicato scruta popello
Occupat et salvere iubet prior. Ille Philippo
Excusare laborem et mercenaria vincla,

Quod non mane domum venisset, denique, quod non
Providisset eum. 'Sic ignovisse putato
Me tibi, si coenas hodie mecum.' 'Ut libet.' 'Ergo
Post nonam venies; nunc i, rem strenuus auge.'
Ut ventum ad coenam est, dicenda tacenda locutus
Tandem dormitum dimittitur. Hic ubi saepe
Occultum visus decurrere piscis ad hamum
Mane cliens et iam certus conviva, iubetur
Rura suburbana indictis comes ire Latinis.
Impositus mannis arvum coelumque Sabinum
Non cessat laudare. Videt ridetque Philippus,
Et, sibi dum requiem, dum risus undique quaerit,
Dum septem donat sestertia, mutua septem
Promittit, persuadet uti mercetur agellum.

HORACE.

2. Explain the mood of—excusare, venisset; and the reference in—tunicato, indictis Latinis.

3. Write notes on—

(*a*) Difficile est proprie communia dicere.

(*b*) Dicitur Afrani toga convenisse Menandro.

(*c*) Meo sum pauper in aere.

4. Give Horace's views on dramatic poetry.

[B.]

Translate into Latin:—

They found the market-place occupied by Carthaginian troops; and the great general, of whom they had heard so much, was preparing to address them. He spoke to them, in Greek apparently, declaring, as usual, that he was come to free the inhabitants of Italy from the dominion of Rome. 'The Tarentines, therefore, had nothing to fear: they should go home, and write each over his door, *a Tarentine's house*; those words would be a sufficient security; no door so marked should be violated. But the mark must not be set falsely upon any Roman's quarters; a Tarentine guilty of such treason would be put to death as an enemy; for all Roman property was the lawful prize of the soldiers.'

[C.]

Translate:—

Reductus a praetore in templum rex et dicere iussus 'Perseverassem' inquit, 'tacere, patres conscripti, nisi Rhodiorum legationem mox vocaturos vos scirem, et illis auditis mihi necessitatem fore dicendi. Quae quidem eo difficilior oratio erit, quod ea postulata eorum futura sunt, ut non solum nihil, quod contra me sit, sed ne quod ad ipsos quidem proprie pertineat, petere videantur. Agent enim causam civitatium Graecarum et liberari eas dicent debere. Quo impetrato, cui dubium est, quin et a nobis aversuri sint non eas modo civitates, quae liberabuntur, sed etiam veteres stipendiarias nostras, ipsi autem tanto obligatos beneficio verbo socios, re vera subiectos imperio et obnoxios habituri sint?'—LIVY.

GREEK.

DR. LUCE.

Translate: —

καὶ μὲν δή, ἔφη, ἄτοπόν γε τὸ πῶμα οὕτως ἔχοντι.

οὐκ, εἴ γ' ἐννοεῖς, εἶπον, ὅτι τῇ παιδαγωγικῇ τῶν νοσημάτων ταύτῃ τῇ νῦν ἰατρικῇ πρὸ τοῦ Ἀσκληπιάδαι οὐκ ἐχρῶντο, ὥς φασι, πρὶν Ἡρόδικον γενέσθαι· Ἡρόδικος δὲ παιδοτρίβης ὢν καὶ νοσώδης γενόμενος, μείξας γυμναστικὴν ἰατρικῇ, ἀπέκναισε πρῶτον μὲν καὶ μάλιστα ἑαυτόν, ἔπειτ' ἄλλους ὕστερον πολλούς.

πῇ δή; ἔφη.

μακρόν, ἦν δ' ἐγώ, τὸν θάνατον αὐτῷ ποιήσας. παρακολουθῶν γὰρ τῷ νοσήματι θανασίμῳ ὄντι οὔτε ἰάσασθαι οἶμαι οἷός τ' ἦν ἑαυτόν, ἐν ἀσχολίᾳ τε πάντων ἰατρευόμενος διὰ βίου ἔζῃ, ἀποκναιόμενος εἴ τι τῆς εἰωθυίας διαίτης ἐκβαίη, δυσθανατῶν δὲ ὑπὸ σοφίας εἰς γῆρας ἀφίκετο.

καλὸν ἄρα τὸ γέρας, ἔφη, τῆς τέχνης ἠνέγκατο.

1. Write explanatory notes upon the above passage.

2. 'Our guardians ought not to be given to laughter.' Why?

3. Outline Plato's views on heredity.

4. Describe the Platonic ideal of character.

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. **Translate into English:—**

L'aspect général de la demeure, misérable et peu engageant, attestait une caducité avancée, mais j'avais confiance dans le goût de mon ami Prentinaglia, et délibérément je tirai la sonnette qui devait me mettre en présence de la signora Verana et me donner accès au Palais Altinengo.

Après un grincement, un carillon retentit, lointain, fêlé. J'attendis un instant. Personne ne vint. Le portail demeurant clos, je sonnai de nouveau. Pas de réponse. Décidément la signora Verana avait l'oreille dure. Je fis quelques pas en arrière et considérai de nouveau la façade du palais. Le soleil, tout à l'heure voilé d'un nuage, l'éclairait à présent et mettait à nu sa vétusté et toute sa misère. Cette considération, qui aurait dû m'éloigner, me plut, au contraire, singulièrement. Soudain, je ressentais pour ce palais branlant et déjeté un attrait inexplicable et que pourtant je tentai de raisonner.

2. **Translate into French:—**

It is not every lover of French literature who has the leisure or the courage to read the whole of Saint-Simon's *Mémoires*, the text of which fills eighteen and a half volumes of the edition of MM. Chéruel and Ad. Régnier *fils*. Nor is it all of equal interest. I thought, therefore, that a selection might prove acceptable to the busy or faint-hearted

reader, and perhaps even whet his appetite for the work itself. In making the selection I have practically confined myself to the first two-thirds of the *Mémoires*, that is to say, to the reign of Louis XIV, and I have chosen the passages with a view to illustrating that reign during the period of its declining splendour. In the first four chapters we have the Roi-Soleil and Mme de Maintenon presented to us in their daily life. There follows the account of the review at Compiègne, which gives us some measure of Louis's boundless extravagance, and the greater part of the famous chapters on the death of Monseigneur, surely one of the greatest things in literature.

[Other papers typewritten.]

Hilary Term, 1921.

ENTRANCE EXAMINATION.

JANUARY.

ARITHMETIC.

MR. HENRY.

1. Find, correct to four significant figures, the value of

$$\frac{1}{5^3} - \frac{2}{5^5} + \frac{3}{5^7} - \frac{4}{5^9}$$

as a decimal fraction.

2. Find by direct calculation the number of acres in a square mile.

3. What is the cost of paving a walk 4 feet wide surrounding a grass plot, 38 feet by 52 feet, at 3*s.* 6*d.* per square yard?

4. Show that the fourth power of an odd number must end in 1 or 5.

5. Insurance at the rate of 2*s.* 6*d.* per annum per £100 is effected, and the half-yearly premium charged is £5 10*s.* Find the sum insured for.

6. What is the true present worth of £607 10*s.* due in 3 months, the rate being 5 per cent. per annum?

ALGEBRA.

MR. W. E. THRIFT.

1. Remove the brackets from the expression

$$x - 3\{y - 2(x - z)\} - [z - \{y - 3(x - z)\} + x + (2y - 3z)],$$

and find its value if $x = 1$, $y = 1\frac{1}{2}$, $z = -3$.

2. Divide $a^2(b + c) - b^2(a + c) + c^2(a + b) + abc$ by $a - b + c$.

3. Simplify

$$\frac{\dfrac{x - y}{x + y} - \dfrac{x^2 + y^2}{x^2 - y^2}}{\dfrac{x - y}{x + y} - \dfrac{x^3 - y^3}{x^3 + y^3}}.$$

4. Add together the fractions

$$\frac{x+3}{x^2-5x+6}, \quad \frac{x-4}{x^2-7x+12}, \quad \frac{1-2x}{x^2-6x+8}.$$

5. Find the H.C.F. of

$$3x^3-2x^2+16x-48 \quad \text{and} \quad 5x^3-14x^2+16.$$

6. Solve the equation

$$\frac{2}{3}\left(2x+5\right)-\frac{4}{5}\left(3x-\frac{1}{2}\right)=\frac{2}{5}\left(\frac{2x}{3}+1\right).$$

7. At what time between 4 o'clock and 5 o'clock are the two hands of a clock together?

HISTORY AND GEOGRAPHY.

DR. LUCE.

1. Describe the feudal system.

2. State the provisions of the Statute of Praemunire, the Five Mile Act, the Catholic Emancipation Act, Magna Carta.

3. Write an account of the American War of Independence.

4. Give a brief account (with dates) of the most important British naval victories.

5. Where are the following:—Utrecht, Metz, Arcot, Toronto, Hamburg, Salonika, Perth?

6. Draw a map of South America, marking the boundaries of the states, their capitals, and the largest rivers and mountain ranges.

7. Write a geographical note on the world's oil supply.

8. What are the chief trade routes between Great Britain and Ireland?

LATIN COMPOSITION.

SIR R. W. TATE.

Translate into Latin:—

1. It seems that he wishes to return home in order to stand for the consulship.

2. This so terrified him that he scarcely ventures to come forward to-day.

3. To those questioning him, he answered that he hoped soon to return.

4. He says that it was not by this man that your brother was killed.

5. Putting spurs to his horse, he dashed through the thick of the foe. First he cut down the armour-bearer who had thrown himself in the way of the onset. Then he drove his lance through the consul's body. He was trying to despoil the corpse when some veterans screened it with their shields. From that moment the flight became general.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Si vous ouvrez votre dictionnaire, vous trouverez : Front : partie supérieure du visage.

Et jusqu'aux premiers jours du mois d'août 1914, ce mot, pour les Français, ne signifiait pas autre chose. Mais depuis !

Le front ! Quel joli mot ! Et comme il dit bien ce qu'il veut dire ! N'est-ce pas là qu'aujourd'hui sont toute l'intelligence, toute la valeur, tout l'esprit et toutes les espérances de la nation ? Comme il a été vite adopté par tous ? Les mères, les épouses, les fiancées, les sœurs disent gravement, mais avec une flamme d'orgueil dans le regard : ' Ils sont sur le front ! '

Or—

„ Doch lachen werden Sie," fuhr Fröben fort, „ wenn ich gestehe, dass ich nur von einem Theil des Gesichtes dieser Dame sprechen kann. Ich weiss nicht, ist sie blond oder braun, ist ihre Stirne hoch oder nieder, ist ihr Auge blau oder dunkel, ich weiss es nicht ! Aber diese zierliche Nase, dieser liebliche Mund, diese zarten Wangen, dieses weiche Kinn finde ich auf dem geliebten Bilde, wie ich es im Leben geschaut ! "

„ Sonderbar !—Und diese Formen, die sich dem Gedächtniss wenige ? tief einzudrücken pflegen, als Auge, Stirn und Haar, diese sollten nachdem Ihr nur einmal sie gesehen, so lebhaft in Eurer Seele stehen ? "

2. Translate into French *or* German :—

He crossed the street. It was raining. The trees which lined the street were leafless. He reached the pavement. There he met a friend whom he had not seen for many years. He stopped him and began to talk to him. The friend asked him to come and dine with him. So they went away together.

JUNIOR FRESHMEN.

GEOMETRY.

MR. HENRY.

Constructions.

1. Divide a line 10 units long so that the rectangle contained by the whole line and one part shall be equal to the square on the other part. Find the length of the larger segment by drawing and by calculation.

2. Construct an equilateral triangle equal to the difference between two equilateral triangles whose sides are 3 and 2 units.

Theoretical.

3. Prove that two parallelograms with a common base and equal altitudes are equal in area.

4. Show that the line joining the centres of two circles which touch passes through the point of contact.

5. Prove that in general four circles can be drawn to touch three given straight lines.

6. Two triangles are equal in area and have a common angle. State and prove the theorem connecting the lengths of the sides including that angle.

7. If three similar and similarly situated polygons are described on the three sides of a right-angled triangle, show that the area of one is equal to the sum of the areas of the other two.

8. Find the locus of the vertex of a triangle whose base and area are given.

ALGEBRA AND ARITHMETIC.

MR. H. THRIFT.

1. Find the H.C.F. of

$$x^4 - 9x^3 + 14x^2 + 10x - 4 \quad \text{and} \quad x^4 - 8x^3 + 8x^2 + 5x - 2.$$

2. Solve the equation

$$\frac{4}{x-1} - \frac{5}{x+2} = \frac{3}{x}.$$

3. Solve the equations

$$\begin{aligned} 2x - 3y - z &= 8, \\ 3x + 2y + 4z &= 20, \\ -5x + 7y + 8z &= 9. \end{aligned}$$

4. Solve the equations

$$x^3 - y^3 = 117; \quad x - y = 3.$$

5. Find the condition that one root of the equation

$$ax^2 + bx + c = 0$$

may be double the other.

6. Find the square root of

$$9x^{-4} - 18x^{-3}y^{\frac{1}{2}} + 15x^{-2}y - 6x^{-1}y^2 + y^2.$$

7. A train on the North-Western line passes from London to Birmingham in 2 hours; a train on the Great Western line, travelling at a speed which is less by 1 mile per hour, passes from one place to the other in 2 hours 12 minutes. If the Great Western line is nine miles longer than the other, find the length of each line.

8. If a cubic centimetre of brass weighs 8·3 grams, find correct to one place of decimals the weight of a cubic foot of brass, assuming that 1 inch = 2·54 cms., and 1 kilogram = 2·2 pounds.

9. The difference between the simple and compound interest on a sum of money for three years at five per cent. per annum is £30 10s. Find the sum of money.

10. A grocer bought 500 lbs. of tea and sold 100 lbs. at 2s. 3d. per lb., making a profit of 12½ per cent. At what rate per pound must he sell the remainder that he may gain 20 per cent. on the whole purchase?

LATIN.

DR. LUCE.

[All Candidates to attempt *either* the Unprescribed Passage or the Latin Composition.]

Unprescribed Passage.

Ne genus belli neve hostem ignoretis, cum iis est vobis, milites, pugnandum, quos terra marique priore bello vicistis, a quibus stipendium per viginti annos exegistis, a quibus capta belli praemia Siciliam ac Sardiniam habetis. Erit igitur in hoc certamine is vobis illisque animus, qui victoribus et victis esse solet. Nec nunc illi, quia audent, sed quia necesse est, pugnaturi sunt; nisi creditis, qui exercitu incolumi pugnam detrectavere, eos, duabus partibus peditum equitumque in transitu Alpium amissis, quum plures paene perierint quam supersint, plus spei nactos esse. At enim pauci quidem sunt, sed vigentes animis corporibusque, quorum robora ac vires vix sustinere vis ulla possit.—Livy.

For Latin Composition.

At the end of the war, which had left both parties greatly exhausted, the Carthaginians were involved in a life and death struggle with their mercenary troops in Africa. The Romans took advantage of their being further weakened by this to seize on Sardinia and Corsica, possessions of Carthage, who only avoided a new war by the payment

of a large indemnity. This conduct on the part of Rome was never forgiven by Hamilcar Barca, the head of the most powerful Carthaginian family. Given the command of the Carthaginian army in Spain, he spent the rest of his life in conquering fresh tracts of that country for Carthage, which had long had a settlement there, and in organizing a military force able to face the Roman legionaries with success.

Translate into English:—

Adduxere sitim tempora, Virgili:
Sed pressum Calibus ducere Liberum
Si gestis, iuvenum nobilium cliens,
Nardo vina merebere.

Nardi parvus onyx eliciet cadum,
Qui nunc Sulpiciis accubat horreis,
Spes donare novas largus amaraque
Curarum eluere efficax.

Ad quae si properas gaudia, cum tua
Velox merce veni: non ego te meis
Immunem meditor tingere poculis,
Plena dives ut in domo.

Verum pone moras et studium lucri;
Nigrorumque memor, dum licet, ignium
Misce stultitiam consiliis brevem:
Dulce est desipere in loco.

HORACE.

1. Parse—adduxere, merebere, tingere, veni.

2. Scan the first stanza.

3. Give the meaning of: pensum, mica, fossor, catus, citus.

4. 'Splendide mendax.'

(*a*) Mark the quantities. (*b*) Of whom was this said? (*c*) What is the figure of speech employed? (*d*) Quote parallels.

GREEK.

MR. KENNEDY.

1. Translate:—

ἐπεὶ γὰρ κρατήσαντες τῇ ναυμαχίᾳ εἰς τὴν γῆν κατέπλευσαν, Διομέδων μὲν ἐκέλευεν ἀναχθέντας ἐπὶ κέρως ἅπαντας ἀναιρεῖσθαι τὰ ναυάγια καὶ τοὺς ναναγούς, Ἐφασινίδης δὲ ἐπὶ τοὺς πρὸς Μυτιλήνην πολεμίους τὴν ταχίστην πλεῖν ἅπαντας· Θρασύλος δ' ἀμφότερα ἔφη γενέσθαι, ἂν τὰς μὲν αὐτοῦ καταλίπωσι, ταῖς δὲ ἐπὶ τοὺς πολεμίους πλέωσι· καὶ δοξάντων τούτων καταλιπεῖν τρεῖς ναῦς ἕκαστον ἐκ τῆς αὑτοῦ συμμορίας, τῶν στρατηγῶν ὀκτὼ ὄντων, καὶ τὰς τῶν ταξιάρχων δέκα καὶ τὰς Σαμίων δέκα καὶ τὰς τῶν ναυάρχων τρεῖς· αὗται ἅπασαι γίγνονται ἑπτὰ καὶ τετταράκοντα, τέτταρες περὶ ἑκάστην ναῦν τῶν ἀπολωλυιῶν δώδεκα οὐσῶν. τῶν δὲ καταλειφθέντων τριηράρχων ἦσαν

καὶ Θρασύβουλος καὶ Θηραμένης, ὃς ἐν τῇ προτέρᾳ ἐκκλησίᾳ κατηγόρει τῶν στρατηγῶν. ταῖς δὲ ἄλλαις ναυσὶν ἔπλεον ἐπὶ τὰς πολεμίας. τί τούτων οὐχ ἱκανῶς καὶ καλῶς ἔπραξαν;—XENOPHON.

2. Parse—κατέπλευσαν, ἀναχθέντας, κέρως, δοξάντων, ἀπολωλυιῶν, κατηγόρει.

3. Give the meanings of—ἐπιστολεύς, προνομή, πρηστήρ, ἐπιβάτης, περίοικοι, εὖριπος, ἰδιώτης.

4. Write short notes on some of the more important characters in Book I of the *Hellenica*.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English:—

Either—

Je demande, regardant tour à tour le sapeur et son chien:

— C'est tout?

— Oui, mon commandant. Les autres sont restés en route avec l'appareil détruit.

J'ai compris. Ils sont tous morts, les autres! Les Boches fauchent tout ce qui essaie de passer . . .

Je serre la main au rescapé. Le chien ne me quitte pas des yeux, il attend son tour et semble me demander:

— Et moi? qu'est-ce que tu vas me dire?

Lui, mon premier mouvement est de l'envoyer à tous les diables: c'est une bouche à nourrir, une bouche inutile, et je suis tenu d'y regarder de près.

Le sapeur devine:

— Je vous en prie, mon commandant! Lassez-le moi . . . Il n'est pas gourmand, il sait se contenter de peu, et je le nourrirai sur ma ration.

Or—

Seitdem der Bruder ihr vor einigen Jahren ein grösseres Darlehn zu einem Einkauf abgeschlagen hatte, waren Wort und Gruss nur selten zwischen ihnen gewechselt worden; aber jetzt stand sie vor ihm; schon von weitem hatte sie ihm mit ihrer Krücke zugewinkt. Im ersten Antrieb hatte er sich umwenden und in sein Haus zurückgehen wollen; aber er blieb doch. „Was willst Du, Jule?" frug er. „Was veraccordiren die da auf dem Markt!"

„Was die veraccordiren, Haus? Ja, leibst Du mir jetzt die hundert Thaler, wenn ich Dir's erzähle?"

Er wandte sich jetzt wirklich, um ins Haus zu treten.

„Nun, bleib nur!" rief sie. „Du sollst's umsonst zu wissen kriegen; Dein Heinz ist wieder da!"

Der Alte zuckte zusammen.

2. Translate into French *or* German :—

One summer day I started out to take a walk across the fields. The birds were singing in the trees. The meadows were covered with flowers. I walked several miles. Then, feeling tired, I sat down on a bank to rest. I went to sleep, and when I woke up, it was already dark. I had slept several hours. Then I got up and walked home quickly.

FOR ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an essay on *one* of the following subjects :—

1. The heroic character as depicted by Tennyson and Scott.
2. The charm of ancient tales retold by Scott and Tennyson.
3. The men of low estate in *Quentin Durward*.

SPECIAL PRELIMINARY EXAMINATION FOR MEDICAL STUDENTS.

GEOMETRY.

MR. WEBB.

Constructions.

1. On a line 5 cms. long construct a rectangle equal in area to a triangle whose sides are 6, 7, and 8 cms. long.

2. Make an equilateral triangle whose area shall be 12 sq. cms.

Theoretical.

3. In a triangle prove that the side which is opposite the greater of two angles is greater than the side opposite the lesser.

4. In a triangle PQR all the angles are acute, and X is the foot of the perpendicular from P on QR. Prove that

$$PR^2 = PQ^2 + QR^2 - 2QR \,.\, QX.$$

5. A, B, C are three points on a circle whose centre is O, and $\angle ABC$ is obtuse. Prove $\angle ACB = \frac{1}{2} \angle AOB$.

6. Prove that a line drawn parallel to the base of a triangle, but so that the vertex lies between it and the base, divides the two sides externally in the same ratio.

7. State and prove the proportion which exists connecting the sides of two triangles of equal area and with one pair of equal angles.

8. If X, Y, Z are three lines in continued proportion, and if A and B are the squares described on X and Y, prove $A : B :: X : Z$.

ALGEBRA AND ARITHMETIC.

MR. FRASER.

1. Simplify the expression

$$\frac{\left(\frac{1}{x}+\frac{1}{y}+\frac{1}{z}\right)}{\frac{x+y+z}{x^2+y^2+z^2-yz-zx-xy}-\frac{1}{x+y+z}}.$$

2. Solve the equation

$$\cdot\dot{6}x+\cdot75x-\cdot1\dot{6}=x-\cdot58\dot{3}x+5.$$

3. Find the lowest common multiple of the expressions

$$2x^2+3x-2\,;\quad 2x^2+15x-8\,;\quad x^2+10x+16.$$

4. Solve the equations

$$\begin{aligned} 3x+2y-\ z &= 20,\\ 2x-3y+6z &= 70,\\ x-y+6z &= 41. \end{aligned}$$

5. A man spends one-third of his income, saves one-fourth, and pays away 5 per cent. on the whole as interest at $7\frac{1}{2}$ per cent. on debts previously incurred, and then has £110 remaining. Find the amount of his debts.

6. If $x+y=z$, prove that

$$2y^2z^2+2z^2x^2+2x^2y^2-x^4-y^4-z^4=0.$$

7. Find the cost of 4 tons 3 cwt. 2 qrs. 24 lbs. at £72 18*s.* 4*d.* per ton.

8. If 6 men can do a piece of work in 30 days of 9 hours each, how many men will it take to do 20 times the amount of work, if they work 25 days of 8 hours each?

9. Find the amount of £13,690 in 3 years at 4 per cent. compound interest.

10. A man has an income of £415, derived from capital invested in a 4 per cent. stock; he sells out this stock at 119, and re-invests the proceeds in a 5 per cent. stock. What is the price of the latter stock if his new income is £425?

LATIN.

DR. LUCE.

[All candidates to attempt A and *either* B *or* C.]

[A.]

Translate :—

Festo quid potius die
Neptuni faciam ? Prome reconditum,
Lyde strenua, Caecubum
Munitaeque adhibe vim sapientiae.
Inclinare meridiem
Sentis ac, veluti stet volucris dies,
Parcis deripere horreo
Cessantem Bibuli consulis amphoram.
Nos cantabimus invicem
Neptunum et virides Nereidum comas ;
Tu curva recines lyra
Latonam et celeris spicula Cynthiae,
Summo carmine quae Cnidon
Fulgentesque tenet Cycladas et Paphon
Iunctis visit oloribus ;
Dicetur merita Nox quoque nenia.

1. Parse—prome, stet, recines, visit.
2. Give meaning of : orbum, ovilia, tutela, genae, apium.
3. What do you know of Maecenas, Pindar, Regulus ?
4. Give an account of the life of Horace.

[B.]

FOR LATIN PROSE.

Phocion was born about B.C. 402, and was put to death B.C. 317. He is best known as the adversary of Demosthenes in his opposition to Philip of Macedon. Phocion advocated peace with Philip, not, as was the case with many, because he had been bribed to do so, but from sincere conviction that this was the best policy for Athens. The brief account of him given by Nepos relates almost entirely to his conduct and policy during the troubled period which followed the death of Alexander the Great.

[C.]

Translate into English :—

Hi omnes fere Athenas se contulerant, non quo sequerentur otium, sed ut, quem ex proximo locum fors obtulisset, eo patriam recuperare niterentur. Itaque cum tempus esset visum rei gerendae, communiter cum iis, qui Thebis idem sentiebant, diem delegerunt ad inimicos opprimendos civitatemque liberandam eum, quo maximi magistratus simul consuerant epulari. Magnae saepe res non ita magnis copiis sunt

gestae, sed profecto numquam tam ab tenui initio tantae opes sunt profligatae. Nam duodecim adulescentuli coierunt ex iis, qui exilio erant multati, cum omnino non essent amplius centum, qui tanto se offerrent periculo. Qua paucitate perculsa est Lacedaemoniorum potentia.

LATIN COMPOSITION.

MR. GODFREY.

Translate into Latin:—

1. He ordered his men to spare as many lives as possible.

2. He hopes to come to Rome to-morrow, if all is well.

3. I shall try to return before the messenger departs.

4. He says that the city will not be taken.

5. The general said that the city which he had taken would be totally destroyed on the 1st of February.

6. For many days we remained within our camp awaiting the enemy's attack. All night we heard their shouts and songs, but by day we did not see them, nor did we dare to go out to explore. Their camp seemed to be pitched about six hundred yards from us, and there was a river between us about twenty feet broad. At last we resolved to escape by this river.

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English:—

Dame Pâque.

Faites-moi le plaisir de laisser là vos drogues, et d'écouter un peu ce que je vous dis.

Maître Bernard.

Faites-moi la grâce de ne pas me le dire du tout, ce sera tout aussitôt fait.

Dame Pâque.

Comme il vous plaira. Mélangez vos herbes empestées tout à votre aise. Le seul résultat de votre obstination sera de la voir mourir dans nos bras.

Maître Bernard.

Si mes remèdes ne peuvent rien, que peut donc votre bavardage? Mais c'est votre unique passe-temps de nous inonder de discours inutiles. Dieu merci, la patience est une belle vertu.

Dame Pâque.

Si vous aimiez votre pauvre fille, elle serait bientôt guérie.

Maître Bernard.

Pourquoi me dites-vous cela? Êtes-vous folle? Ne voyez-vous pas ce que je fais du matin au soir? Pauvre chère âme! tout ce que j'aime! Dites-moi, n'est ce donc pas assez de voir souffrir l'enfant de mon cœur, sans avoir sur le dos vos éternels reproches? car on dirait, à vous entendre, que je suis cause de tout le mal. Y a-t-il moyen de rien comprendre à cette mélancolie qui la tue?

2. Translate into French:—

The road was lined with apple-trees in bloom. Beyond them, on both sides of the road, you could see meadows covered with flowers of every kind and colour as far as the eye could reach. On the horizon, towards the north, was dimly seen a chain of high mountains topped with snow. Along this road, between the rows of apple-trees, a long procession was proceeding towards the town, of which the roofs and towers and belfries could be seen over the meadows at a short distance on the left. The sun was shining on the many-coloured dresses of the girls, and on the wreaths of flowers which surrounded their heads. The young men were singing in a loud voice.

ENGLISH COMPOSITION.

MR. ALTON.

[Choose *one* subject.]

1. The Courtiers of Louis XI.
2. Tennyson's indebtedness to the Classics.

SENIOR FRESHMEN AND FINAL FRESHMAN SUPPLEMENTALISTS.

ARITHMETIC AND ALGEBRA.

MR. W. E. THRIFT.

1. Find the Highest Common Factor of

$$x^4 + x^3 - 5x^2 + 28x - 30 \quad \text{and} \quad x^4 + 2x^3 - 10x^2 - x + 10.$$

2. Simplify the expression

$$\left(\frac{x^3 + y^3}{x^3 - y^3} + \frac{x^3 - y^3}{x^3 + y^3}\right) \div \left(\frac{x + y}{x - y} + \frac{x - y}{x + y}\right).$$

3. Solve the equation

$$\frac{11}{12x + 11} + \frac{5}{6x + 5} = \frac{7}{4x + 7}.$$

4. Solve the equation

$$2\sqrt{3x + 7} + \sqrt{2x - 3} = 9,$$

and explain in what sense each of your answers satisfies the given equation.

5. B gets 8 yards start from A in 100 yards' race, and A wins by $1\frac{1}{2}$ seconds. If they are level at 40 yards from the starting-point, find A's time for the race.

6. Two trains provide an hourly service between two places A and B. A train leaves A at every hour, and one leaves B at 20 minutes past the hour. They pass one another 3 miles from B. The trains have to wait at B 5 times as long as at A. How fast do the trains run?

7. Find the weight, in tons, of air contained in a room, 12·1 metres long, 9·8 metres wide, and 7·5 metres high, if 1000 c.cs. of air weigh 1·293 gr., and 1 kilogramme equals 2·2 lbs.

8. A bill for £316 6*s.* 3*d.* is drawn on 16th March at six months' date. What is its present worth on the 8th July at 6 per cent. per annum?

9. Find the Compound Interest on £515 for 4 years at $6\frac{1}{2}$ per cent. per annum.

10. A merchant mixes tea costing 2*s.* 11*d.* a lb. with tea costing 1*s.* 9*d.* a lb. In what proportions should he mix them so that he may be able to retail the mixture at 2*s.* 6*d.* a lb., and make 8 per cent. on his outlay?

TRIGONOMETRY.—

MR. HENRY.

1. Find the number of seconds in the angle subtended at the circumference of a circle whose radius is 50 feet by an arc 1 inch long.

2. If $\sin A = \frac{1}{6}\frac{1}{1}$, and $\cos B = \frac{-9}{4}\frac{}{1}$, A being in the second quadrant and B in the fourth, find the value of $\sin (A + B)$.

3. Obtain $\cos 15°$ and $\cos 7\frac{1}{2}°$.

4. If $\tan 3A = 0$, find the different values of $\tan A$.

5. In a plane triangle, prove the formula—

$$\tan \frac{B - C}{2} = \frac{b - c}{b + c} \cot \frac{A}{2}.$$

6. In a plane triangle, prove $a = b \cos C + c \cos B$. Write down two similar relations, and show how to find $\cos A$, $\cos B$, $\cos C$ in terms of a, b, c.

7. The sides of a triangle are 50, 51, and 3 feet long. Find the area and the sine of the smallest angle.

8. Show, by taking one measurement in a horizontal plane and two altitudes, how to find the height of a tower whose base is inaccessible.

9. Prove that the logarithm of a fraction is equal to the difference of the logarithms of numerator and denominator.

10. Given $\log_{10} 2 = \cdot 3010300$ find as accurately as you can $\log \frac{1}{1\,0\,2\,4}$ and $L \tan 45°$.

LOGIC.

MR. MACRAN.

1. Express the following propositions in the ordinary categorical form, and give their contradictories:—

(*a*) Not all the riches of the earth can bring happiness.

(*b*) We cannot all command success.

(*c*) We smile not only when we are pleased.

(*d*) If a man steals, the law should punish him.

2. Give concisely the formal rules of logical division. Criticise the following divisions:—

(*a*) Terms into Singular, General, Abstract, and Concrete.

(*b*) North America into Canada, the United States, and Mexico.

(*c*) Governments into democracy, oligarchy, monarchy, and anarchy.

3. (*a*) Why are singular propositions classed under universal propositions?

(*b*) What is the logical relation between the propositions 'Only graduates are eligible' and 'Some graduates are eligible'?

4. If, in a valid syllogism, the conclusion be false, must the premisses be likewise false? if the premisses be false, can the conclusion be true? if the conclusion and one of the premisses be true, can the other premiss be false? Give reasons for, and illustrate, your answer.

5. When is it impossible to draw a valid conclusion from two given premisses? Explain why the inference is impossible.

6. Show from the general rules of the syllogism that O cannot stand as premiss in the first, as a major in the second, or as a minor in the third figure.

7. Explain the general process of inductive reasoning. What is meant by saying that 'uniformity pervades nature'?

MECHANICS.

MR. ROGERS.

A.—*For Senior Freshmen.*

1. State clearly the principle of the polygon of forces. Show how to use it to find the resultant of a number of forces acting at a point.

2. A system of forces acting along and proportional to the side of a polygon taken in order must reduce to a couple.

3. The sum of the moments of two forces round any point is equal to the moment of their resultant.

4. The sides of a uniform triangular plate being 3, 4, and 5 feet, find the distance of the centre of gravity from the longest side.

5. Prove that two couples with equal and opposite moments balance each other.

6. A ladder 26 feet long and weighing 40 lbs. rests against a wall with its foot 10 feet from the base. A man weighing 140 lbs. is 20 feet up the ladder. The coefficient of friction between ladder and wall being $\frac{1}{4}$, find the least horizontal force acting at the foot of the ladder which will prevent it from slipping.

7. A box is placed on an incline with one edge of the base horizontal; the other edge is 5 feet and the height of the box 10 feet. If the inclination be gradually increased, find the least coefficient of friction such that the box topples over without sliding.

B.—*For Final Freshman Supplementalists, with any* FIVE *of the preceding questions.*

8. Express in foot-pounds the kinetic energy of a mass of 10 lbs. after it has fallen 30 feet.

9. The speed of a train is reduced from 40 miles an hour to 10 miles an hour while it has travelled 150 yards; if the retardation be uniform, find how much further it will travel before coming to rest.

10. Find the horizontal range for a projectile, given the initial velocity and its direction.

LATIN.

DR. LUCE.

[ALL Candidates to attempt *either* A *or* B.]

[A.]

Translate into English :—

Degressus Appennino retro ad Placentiam castra movit, et ad decem millia progressus consedit. Postero die duodecim millia peditum, quinque equitum adversus hostem ducit; nec Sempronius consul (iam enim redierat ab Roma) detrectavit certamen. Atque eo die tria millia passuum inter bina castra fuere; postero die ingentibus animis, vario eventu pugnatum est. Primo concursu adeo res Romana superior fuit, ut non acie vincerent solum, sed pulsos hostes in castra persequerentur, mox castra quoque oppugnarent. Hannibal, paucis propugnatoribus in vallo portisque positis ceteros confertos in media castra recepit, intentosque signum ad erumpendum exspectare iubet.—LIVY.

[B.]

For Latin Composition.

Meanwhile a sedition arose among the soldiers from a slight cause, which, had not fortune intervened, might have involved the state in the greatest peril. One of the cohorts which were quartered at Ostia was ordered to proceed to Rome, and the task of furnishing of arms was given to a tribune, Varius. He, to execute his order with less tumult, promised the consul that he would march by night, and ordered the waggons where the arms were to come late to the camp. The soldiers, observing that some plan was in progress and that they were not informed what was intended, were filled with suspicion; and the more the matter was hidden the more they imagined evil. Some said the slaves were being armed to slay the emperor, and the tribunes would seize on the officers themselves. Some were so drunken that they increased the tumult without comprehending anything. At last the cohorts slew those who tried to restrain them, seized their arms, and rushed to the palace.

[C.]

(*For Senior Freshmen.*)

D. Silanum, virum fortem atque strenuum, certo scio quae dixerit, studio rei publicae dixisse, neque illum in tanta re gratiam aut inimicitias exercere; eos mores eamque modestiam viri cognovi. Verum

sententia eius mihi non crudelis (quid enim in talis homines crudele fieri potest?) sed aliena a re publica nostra videtur. Nam profecto aut metus aut iniuria te subegit, Silane, consulem designatum genus poenae novom decernere. De timore supervacuaneum est disserere, cum praesertim diligentia clarissumi viri consulis tanta praesidia sint in armis. De poena possum equidem dicere, id quod res habet, in luctu atque miseriis mortem aerumnarum requiem, non cruciatum esse; eam cuncta mortalium mala dissolvere; ultra neque curae neque gaudio locum esse. Sed, per deos inmortalis, quam ob rem in sententiam non addidisti, uti prius verberibus in eos animadvorteretur? An quia lex Porcia vetat? At aliae leges item condemnatis civibus non animam eripi, sed exilium permitti iubent. An quia gravius est verberari quam necari? Quid autem acerbum aut nimis grave est in homines tanti facinoris convictos? Sin quia levius est, qui convenit in minore negotio legem timere, cum eam in maiore neglegeris?—SALLUST.

1. Parse:—fieri, vetat, verberibus, neglegeris,

2. Give some account of the following:—Fulvia, Sulla, Cicero, Lepidus.

3. Reproduce Sallust's description of the character of Catiline.

[D.]

(*For Final Freshman Supplementalists.*)

Translate into English:—

Dixerat. Ille Iovis monitis immota tenebat
Lumina, et obnixus curam sub corde premebat.
Tandem pauca refert; 'Ego te, quae plurima fando
Enumerare vales, numquam, Regina, negabo
Promeritam: nec me meminisse pigebit Elissae,
Dum memor ipse mei, dum spiritus hos regit artus.
Pro re pauca loquar. Neque ego hanc abscondere furto
Speravi, ne finge, fugam; nec coniugis unquam
Praetendi taedas, aut haec in foedera veni.
Me si fata meis paterentur ducere vitam
Auspiciis, et sponte mea componere curas,
Urbem Troianam primum dulcesque meorum
Reliquias colerem; Priami tecta alta manerent,
Et recidiva manu posuissem Pergama victis.

1. Parse:—obnixus, pigebit, loquar, veni.

2. Scan the first two lines of the above passage.

3. Give the meaning of:—navita, bractea, cautes.

4. Sunt geminae somni portae. Describe them.

GREEK.

DR. GOLIGHER.

(For Senior Freshmen.)

Translate:—

οἱ μὲν δὴ ταῦτα ἔπρησσον, παρῆν δὲ ὁ ἐκ Τρηχῖνος κατάσκοπος. ἦν μὲν γὰρ ἐπ' Ἀρτεμισίῳ κατάσκοπος Πολύας, γένος Ἀντικυρεὺς, τῷ προσετέτακτο, καὶ εἶχε πλοῖον κατῆρες ἑτοῖμον, εἰ παλήσειε ὁ ναυτικὸς στρατὸς, σημαίνειν τοῖσι ἐν Θερμοπύλῃσι ἐοῦσι· ὡς δ' αὖτως ἦν Ἀβρώνιχος ὁ Λυσικλέος Ἀθηναῖος καὶ παρὰ Λεωνίδῃ ἑτοῖμος τοῖσι ἐπ' Ἀρτεμισίῳ ἐοῦσι ἀγγέλλειν τριηκοντέρῳ, ἤν τι καταλαμβάνῃ νεώτερον τὸν πεζόν. οὗτος ὧν ὁ Ἀβρώνιχος ἀπικόμενός σφι ἐσήμαινε τὰ γεγονότα περὶ Λεωνίδην καὶ τὸν στρατὸν αὐτοῦ. οἱ δὲ ὡς ἐπύθοντο ταῦτα, οὐκέτι ἐς ἀναβολὰς ἐποιεῦντο τὴν ἀποχώρησιν, ἐκομίζοντο δὲ ὡς ἕκαστοι ἐτάχθησαν, Κορίνθιοι πρῶτοι, ὕστατοι δὲ Ἀθηναῖοι.—HERODOTUS.

1. Parse, and give the principal parts (Attic forms) of—ἀγγέλλειν, καταλαμβάνῃ, ἀπικόμενος, ἐπύθοντο, ἐτάχθησαν.

2. Write an account of the battle of Salamis.

3. Give the meanings of—δρησμός, ἀσπαίρω, περὶ δείλην πρωίην, σύνθημα, δύτης.

(For Final Freshman Supplementalists.)

Translate:—

"τῇ, σπεῖσον Διὶ πατρὶ, καὶ εὔχεο οἴκαδ' ἰκέσθαι
ἆψ ἐκ δυσμενέων ἀνδρῶν, ἐπεὶ ἦρ σέ γε θυμὸς
ὀτρύνει ἐπὶ νῆας, ἐμεῖο μὲν οὐκ ἐθελούσης.
ἀλλ' εὔχεο σύ γ' ἔπειτα κελαινεφέϊ Κρονίωνι
Ἰδαίῳ ὅς τε Τροίην κατὰ πᾶσαν ὁρᾶται,
αἴτεε δ' οἰωνὸν, ἐὸν ἄγγελον, ὅς τε οἱ αὐτῷ
φίλτατος οἰωνῶν, καί εὐ κράτος ἐστὶ μέγιστον,
δεξιὸν, ὄφρα μιν αὐτὸς ἐν ὀφθαλμοῖσι νοήσας,
τῷ πίσυνος ἐπὶ νῆας ἴῃς Δαναῶν ταχυπώλων.
εἰ δέ τοι οὐ δώσει ἐὸν ἄγγελον εὐρύοπα Ζεὺς,
οὐκ ἂν ἐγώ γέ σ' ἔπειτα ἐποτρύνουσα κελοίμην
νῆας ἐπ' Ἀργείων ἰέναι, μάλα περ μεμαῶτα."

HOMER.

1. Parse—σπεῖσον, ἰκέσθαι, αἴτεε, ἴῃς.

2. Describe the scene between Priam and Achilles.

3. Give the meanings of—τολυπεύω, κτέρεα, βυσσός, ἄποινα, ἐντυπάς, γλήνεα, εὖ οἰήκεσσιν ἀρηρός, ἔστωρ, γλωχὶς, περκνός.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Soudeilles lui fit signe de se taire, et le duc continua :

'Je ne perds pas cependant l'espoir de m'emparer du duc ; mes espions ne le quittent pas, et s'il a l'imprudence de s'éloigner de Pézenas sans escorte, il sera dans vos mains avant que la province se doute de sa disparition. Ce grand coup frappé, toute la machine de Monsieur tombe aussitôt ; il ne recueille quelques partisans qu'en leur promettant que le duc se rangera de son parti, et lui amènera tout le Languedoc. Abattre Montmorency, c'est abattre le parti de la reine mère et de Monsieur. C'est donc là qu'il faut viser. Mais, pour y parvenir, il faudrait gagner la confiance du duc, l'attirer par quelque faux semblant de conciliation loin de Pézenas, et alors, avec quelques hommes dévoués, je réponds du reste.'

Or—

Der Tag der Entscheidung kam.

Amilias schritt stolz in die Halle, als hätte er schon den Sieg davongetragen. Alle Ritter kamen, um zu sehen, wie die Sache sich entscheiden würde. Sie bewunderten die Rüstung des Schmiedes Amilias und mancher schaute mitleidig auf den jungen Goldbrand, den er verloren glaubte.

In der Tat widerstand die Rüstung des Amilias allen Streichen der Ritter, und mit bösen Worten prahlte er nun und beschimpfte Wieland.

Dieser errötete unwillig über die bösen Reden seines Gegners und rief : „ Das war dein letzter Spott ! "

Bei diesen Worten führte er einen so gewaltigen Streich gegen den Helm des Amilias, dass dieser samt dem Haupt und der Rüstung zerspalten wurde.

Schrecken ergriff die Ritter.

2. Translate into French *or* German :—

Every missionary ought to be a carpenter, a mason, something of a butcher, and a good deal of a cook. Suppose yourself without a servant, and nothing for dinner to-morrow but some potatoes in the barn and a fowl running about in the yard. That's the kind of thing for a young fellow going into a new country to imagine for himself. If anyone you know thinks of emigrating, just let him remember this.

JUNIOR SOPHISTERS.

MATHEMATICAL PHYSICS.

MR. ROGERS.

1. State clearly the principle of the polygon of forces. Show how to use it to find the resultant of a number of forces.

2. Prove that the moment of two forces is equal to the moment of their resultant.

3. If the sum of the moments of a system of coplanar forces round each of the vertices of a triangle is zero, prove that the forces are in equilibrium.

4. The speed of a train is reduced from 40 miles an hour to 10 miles an hour while it travels 150 yards; if the retardation be uniform, find how much further it will travel before coming to rest.

5. Express in foot-pounds the kinetic energy of a mass of 10 lbs. after it has fallen a distance of 17 feet.

6. Find the horizontal range for a projectile, given the initial velocity and its direction.

7. The specific gravity of brass being 8, with what acceleration does it sink in water?

8. Show how to find the compression of the air in a diving-bell lowered to a given depth, no air being supplied from above.

9. Draw sketches of double-convex, double-concave, concavo-convex, convexo-concave, and state with reasons whether they are divergent or convergent.

10. Given centre and a principal focus of a lens, how would you find the image of a point near the axis?

LATIN.

DR. GOLIGHER.

[Candidates should attempt *either* the Unprescribed Passage *or* the Latin Prose Composition.]

[A.]

Unprescribed Passage.

At Civilis, post malam in Treveris pugnam, reparato per Germaniam exercitu apud Vetera castra consedit, tutus loco, et ut memoria prosperarum illic rerum augescerent barbarorum animi. Secutus est eodem Cerialis, duplicatis copiis adventu secundae et sextae et quartae

decimae legionum. Cohortesque et alae, iam pridem accitae, post victoriam properaverant. Neuter ducum cunctator. Sed arcebat latitudo camporum suopte ingenio humentium. Addiderat Civilis obliquam in Rhenum molem, cuius obiectu revolutus amnis adiacentibus superfunderetur.—TACITUS.

For Latin Prose.

But fortune helped the Romans more than all these precautions. The Cimbri, after wilfully destroying every vestige of the spoils they had taken, in fulfilment, probably, of some vow, wandered westward on a plundering raid towards the Pyrenees, the road thither having lately been provided, as it were, for them by Domitius. In the Celtiberi they met with foes who sold too dearly the little they had to lose, and again they surged back into Gaul, where they were joined by the Teutones, and once more threatened Italy. But meantime the generals of the Republic had not been idle.

[B.]

1. Translate:—

Excepere orationem alacres, ut barbaris moris, cantu fremituque et clamoribus dissonis. Iamque agmina, et armorum fulgores audentissimi cuiusque procursu: simul instruebatur acies, cum Agricola quanquam laetum et vix munimentis coercitum militem accendendum adhuc ratus, ita disseruit:—'Octavus annus est, commilitones, ex quo virtute et auspiciis imperii Romani, fide atque opera vestra Britanniam vicistis. Tot expeditionibus, tot praeliis, seu fortitudine adversus hostes, seu patientia ac labore paene adversus ipsam rerum naturam opus fuit, neque me militum neque vos ducis paenituit. Ergo egressi, ego veterum legatorum, vos priorum exercituum terminos, finem Britanniae non fama nec rumore sed castris et armis tenemus. Inventa Britannia et subacta.'—*Ibid.*

2. How does Tacitus describe the death and character of Agricola?

3. Give the meanings of—decessor, numeri, erexit aciem, laureatae, iactantia, covinnarius, ambitiose, rector.

GREEK.

DR. LUCE.

Translate:—

ὅτι μὲν καλὰ τὰ προειργασμένα καὶ ὑπὲρ καλῶν τῶν μελλόντων ὁ ἀγὼν ἔσται, ὦ Συρακόσιοι καὶ ξύμμαχοι, οἵ τε πολλοὶ δοκεῖτε ἡμῖν εἰδέναι (οὐδὲ γὰρ ἂν οὕτως αὐτῶν προθύμως ἀντελάβεσθε), καὶ εἴ τις μὴ ἐπὶ ὅσον δεῖ ἤσθηται, σημανοῦμεν. Ἀθηναίους γὰρ ἐς τὴν χώραν τήνδε ἐλθόντας πρῶτον μὲν ἐπὶ τῆς Σικελίας καταδουλώσει, ἔπειτ', εἰ κατορθώσειαν, καὶ τῆς Πελοποννήσου καὶ τῆς ἄλλης Ἑλλάδος, καὶ ἀρχὴν τὴν ἤδη μεγίστην τῶν τε πρὶν Ἑλλήνων καὶ τῶν νῦν κεκτημένους, πρῶτοι ἀνθρώπων ὑποστάντες τῷ ναυτικῷ, ᾧπερ πάντα κατέσχον, τὰς μὲν νενικήκατε ἤδη

ναυμαχίας, τὴν δ' ἐκ τοῦ εἰκότος νῦν νικήσετε. ἄνδρες γὰρ ἐπειδὰν ᾧ ἀξιοῦσι προύχειν κολουθῶσι, τό γ' ὑπόλοιπον αὐτῶν τῆς δόξης ἀσθενέστερον αὐτὸ ἑαυτοῦ ἐστὶν ἢ εἰ μηδ' ᾠήθησαν τὸ πρῶτον, καὶ τῷ παρ' ἐλπίδα τοῦ αὐχήματος σφαλλόμενοι καὶ παρὰ ἰσχὺν τῆς δυνάμεως ἐνδιδόασιν· ὃ νῦν Ἀθηναίους εἰκὸς πεπονθέναι.—THUCYDIDES.

1. Parse :—*σημανοῦμεν, ὑποστάντες, κολουθῶσι, ἐνδιδόασιν.*

2. Give the meaning of:—*ἐμπαλασσόμενοι, ἐν πλαισίῳ, χηλήν, ταρσούς.*

3. Reproduce Thucydides' description of the harbour sea-fight.

4, Draw a map of Syracuse and its neighbourhood, indicating the chief points of naval and military interest.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Si la guerre eût existé alors entre la France et l'Autriche, le général eût pu penser que ce Muller, dont les manières annonçaient autre chose qu'un cocher, était un espion, que l'espoir d'une forte récompense avait déterminé à jouer ce rôle ; mais dans l'état des choses, cette supposition n'avait nulle vraisemblance, et il était plus raisonnable de supposer que ce cocher, qui se cachait avec tant de soin, avait, sans doute, servi autrefois l'officier général qu'il avait reconnu, et dans la maison duquel il s'était probablement rendu coupable de quelque action dont la révélation l'alarmait.

Or—

Dann durchzogen wir ein böhmisches Städtchen und machten ein kurzes Rendez-vous im Korn. Ein eigentümlich Gefühl, in das reifende Weizenfeld zu treten. Aber kein Platz war sonst zu finden. Und jede Schonung hat aufgehört. Den Teufel auch, jetzt gilt's. Du oder ich ; mit äusserster Anspannung aller Kräfte. Das Friedensland mit seinen Satzungen und Gesetzen dämmert irgendwo weit, weit hinter uns.

Und wieder vorwärts! Die Sonne brannte wie in Innerafrika. Ein sengend heisser Tag stand uns bevor.

Kaum waren wir drei bis vier Minuten im Marsch, als die Riesengestalt des Brigadegenerals auf seinem gelben flandrischen Hengste uns entgegenraste. Sein Adjutant konnte kaum folgen. Von fern schon schrie er: „Links um machen, die Osterreicher sind da!" Und kurz vorm Bataillon brachte er mit mächtigem Ruck, sich tief im Sattel zurückbiegend, sein Pferd zum Stehen, um es augenblicklich wieder herumzureissen, und, dem Saul die Zinken einsetzend, in die Richtung gegen den Feind uns voran zu sprengen.

2. Translate into French *or* German :—

The island of Sark lies to the east of Guernsey. It is easy to reach, but often most difficult to escape from, as the prevalent winds are

westerly. The coast of Sark is singularly wild and bold A lofty wall from two to three hundred feet high, with numerous rocks and islands, is all that is seen from the sea. The extreme length of the island is barely three miles and a half, and the greatest width not more than a mile and a half. The rocky coast and the caverns, which are seen in every direction, form the chief attraction of the island.

CHEMISTRY.

DR. YOUNG.

1 Describe any methods you know of by which (*a*) oxygen, (*b*) nitrogen, may be obtained from atmospheric air.

2. How would you prove experimentally (*a*) that ammonia gas is a compound of nitrogen and hydrogen, and (*b*) that two volumes of ammonia gas give, on decomposition, three volumes of hydrogen and one volume of nitrogen?

3. What volumes of oxygen and hydrogen, measured at 12° C. and 720 mm., would be obtained by electrolysing 1 gram of water?

4. What are the chief sources of iodine? How would you prepare iodine from potassium iodide? Compare the properties of iodine with those of the other halogen elements.

5. Describe and explain the chemical changes that occur when nitric acid is added to metallic copper and water in a flask provided with a delivery tube. If gas were collected as soon as possible after the addition of the nitric acid, of what would it chiefly consist?

SENIOR SOPHISTERS AND SUPPLEMENTAL DEGREE EXAMINATION.

MATHEMATICAL PHYSICS.

MR. H. THRIFT.

1. Prove that the work done in raising a number of particles from one position to another is Wh, where W is the total weight of the particles, and h is the vertical distance through which the centre of gravity of the particles is raised.

2. A ladder, 26 feet long, weighing 180 pounds, is placed with one end on a rough horizontal floor, and the other end against a smooth vertical wall, its upper end being 24 feet from the floor. If the coefficient of friction is $\frac{1}{3}$, find the horizontal force that must be applied to the foot of the ladder to prevent it from slipping.

3. A train of mass 180 tons is running at the rate of 15 miles per hour down an incline of 1 in 112. If frictional forces are 8 pounds weight per ton mass of the train, what external force must be applied in a direction opposite to that in which the train is moving to bring it to rest in a quarter of a mile.

4. Two scale-pans, each of mass 14 ounces, are connected by a light string passing over a smooth pulley. If masses of 10 and 4 ounces are placed one in each pan, find the pressures of the masses on the pan during the ensuing motion.

5. A mass of 40 pounds is moving due east with a velocity of 15 feet per second when it begins to be acted on by a constant force. After 5 seconds it is found to be moving due north with a velocity of 8 feet per second. Find the force in magnitude and direction.

6. The stem of a hydrometer is uniformly divided, the zero mark being at the top. If the instrument sinks to the mark 20 in water and to the mark 40 in a liquid of sp. gravity 1·1, find the sp. gravity of a liquid in which it sinks to the mark 60.

7. The diameter of the circular piston of a force-pump is $2\frac{1}{2}$ inches and the length of the stroke 2 feet, and the bottom of the cylinder 19 feet above the level of the water in the well and 42 feet below the level of the water in the tank. Find the greatest force required in raising and lowering the piston.

8. What weight of air enters or leaves a room whose volume is 5800 cubic feet when the barometer falls from 29 to 28 inches of mercury and the temperature from 27° C. to 17° C., if a cubic foot of air at a pressure of 30 inches of mercury and a temperature of 0° C. weighs 1·25 ounces?

9. If light falls on a prism of angle A in such a manner that the angles at which it enters and leaves the prism are equal, show that

$$\mu = \frac{\sin\frac{A+\delta}{2}}{\sin\frac{A}{2}},$$

where μ is the refractive index of the material of the prism, and δ is the deviation produced in the ray.

10. A short-sighted person cannot see distinctly objects at a greater distance from his eye than 6 inches. He requires two pairs of spectacles, one for reading purposes, which will enable him to see print clearly at a distance of 10 inches from his eye, and the other for viewing distant objects. Find in each case the focal length of glasses required.

ASTRONOMY.

MR. FRY.

1. Describe either the Filar-Position Micrometer or the Heliometer.

2. What are the principles on which spectrum analysis depends?

3. What are Comet-Families, and what is the capture theory?

4. Classify periodic variable stars, and explain the cause of the variation in one class.

5. By means of a celestial globe, show how to find approximately the time at which a known star will rise at a known place on a given day.

6. When during a day is a field on the Earth receiving most heat from the Sun, and why so? Is the temperature greatest at the same time?

7. Discuss the apparent motion of an inferior planet at inferior conjunction, at superior conjunction, and at its greatest elongation.

8. Draw a diagram of the path of the Earth round the Sun, inserting the line of solstices, the line of equinoxes, and the line of apsides; and giving the dates approximately at which the Earth crosses these lines.

9. Prove the following formula for the horizontal parallax P of the Moon in terms of her meridian zenith distances z, z', as observed simultaneously from two planes on the same meridian whose latitudes are l, l':—

$$P = \frac{z + z' - l - l'}{\sin z + \sin z'}.$$

10. At a place A on the Earth whose longitude is 3^h W. the sidereal time is 14^h, the mean time is 7 a.m., and the equation of time is 8^m, and it is to be added to apparent time. Find at the same instant the sidereal time, the mean time, and the apparent time at a place B whose longitude is 9^h E.

LATIN.

DR. LUCE.

[All candidates to attempt *either* A *or* B.]

[A.]

Translate into English :—

Sed confecto proelio tum vero cerneres, quanta audacia quantaque animi vis fuisset in exercitu Catilinae. Nam fere quem quisque vivos pugnando locum ceperat, eum amissa anima corpore tegebat. Pauci autem, quos medios cohors praetoria disiecerat, paulo divorsius, sed omnes tamen advorsis volneribus conciderant. Catilina vero longe a suis inter hostium cadavera repertus est, paululum etiam spirans ferociamque animi, quam habuerat vivos, in voltu retinens. Postremo ex omni copia neque in proelio neque in fuga quisquam civis ingenuus captus est: ita cuncti suae hostiumque vitae iuxta pepercerant. Neque tamen exercitus populi Romani laetam aut incruentam victoriam adeptus erat.—SALLUST.

[B.]

Translate into Latin :—

Theodorus was present, among other citizens, when a sophist, named Tompanius, was discoursing to a number of persons about the laws, the right methods of establishing them, and the proper view a philosopher should take of them. And he blamed the city for always making such laws as are approved by the majority. This did not seem to him advisable: for the wise (he said) were always few, and the fools more numerous: so that the laws too became foolish. But it would be far better if they obeyed the few, and paid no attention to the many.

And he said all this so skilfully and persuasively, that nearly all who were there praised him. But Theodorus stood up and said that he did not agree with him, and there were many others also of those who praised him in word, who in reality did not believe him. 'Then let us vote,' said Tompanius: and having voted, they appeared to be all of one mind except Theodorus. He, however, rose again, and said, smiling, that his side had won; for the few were wiser than the many.

[C.]

(For Senior Sophisters *only*.)

1. Translate into English :—

Quid? qui omnia recta et honesta negligunt, dummodo potentiam consequantur, nonne idem faciunt, quod is, qui etiam socerum habere voluit eum, cuius ipse audacia potens esset? Utile ei videbatur, plurimum posse alterius invidia. Id quam iniustum in patriam, quam inutile, quam turpe esset, non videbat. Ipse autem socer in ore semper Graecos versus de Phoenissis habebat, quos dicam ut potero, incondite fortasse, sed tamen, ut res possit intelligi :

Nam si violandum est ius, regnandi gratia
Violandum est: aliis rebus pietatem colas.

Capitalis Eteocles, vel potius Euripides, qui id unum, quod omnium sceleratissimum fuerit, exceperit! Quid igitur minuta colligimus, hereditates, mercaturas, venditiones fraudulentas? Ecce tibi, qui rex populi Romani dominusque omnium gentium esse concupiverit idque perfecerit! Hanc cupiditatem si honestam quis esse dicit, amens est. Probat enim legum et libertatis interitum, earumque oppressionem taetram et detestabilem gloriosam putat. Qui autem fatetur, honestum non esse in ea civitate, quae libera fuit quaeque esse debeat, regnare, sed ei, qui id facere possit; esse utile: qua hunc obiurgatione, aut quo potius convicio a tanto errore coner avellere? Potest enim, Dii immortales! cuiquam esse utile foedissimum et taeterrimum parricidium patriae: quamvis is, qui se eo obstrinxerit, ab oppressis civibus parens nominetur? Honestate igitur dirigenda utilitas est, et quidem sic, ut haec duo, verbo inter se discrepare, re unum sonare videantur.—CICERO.

2. Give the meaning of:—comitas, adminiculum, sica, triticum, scalmus.

3. What is the ethical bearing of the story of Regulus?

4. State and discuss the Stoic formula for the *summum bonum*.

[D.]

(For Degree Candidates *only*.)

1. Translate into English:—

Nec satis est dixisse, 'Ego mira poëmata pango;
Occupet extremum scabies; mihi turpe relinqui est,
Et, quod non didici, sane nescire fateri.'
Ut praeco, ad merces turbam qui cogit emendas,
Assentatores iubet ad lucrum ire poëta
Dives agris, dives positis in fenore nummis.
Si vero est, unctum qui recte ponere possit
Et spondere levi pro paupere et eripere atris
Litibus implicitum, mirabor si sciet inter-
Noscere mendacem verumque beatus amicum.
Tu seu donaris seu quid donare voles cui,
Nolito ad versus tibi factos ducere plenum
Laetitiae; clamabit enim Pulchre! bene! recte!
Pallescet super his, etiam stillabit amicis
Ex oculis rorem, saliet, tundet pede terram.
Ut qui conducti plorant in funere, dicunt
Et faciunt prope plura dolentibus ex animo, sic
Derisor vero plus laudatore movetur.

HORACE.

2. Explain:—

(*a*) Epicuri de grege porcum.

(*b*) Cognomen vertas in risum et fabula fias.

(*c*) Irasci celerem, tamen ut placabilis essem.

3. Give the meaning of:—sarcina, annona, hamum, sodes.

4. Write a short account of Horace's life and writings. Was his character in keeping with the philosophy which he professed?

(*For Senior Sophisters.*)

GREEK.

MR. GODFREY.

1. Translate:—

Σημεῖον δὲ δεῖ ποιεῖσθαι τῶν ἕξεων τὴν ἐπιγινομένην ἡδονὴν ἢ λύπην τοῖς ἔργοις· ὁ μὲν γὰρ ἀπεχόμενος τῶν σωματικῶν ἡδονῶν καὶ αὐτῷ τούτῳ χαίρων σώφρων, ὁ δ' ἀχθόμενος ἀκόλαστος, καὶ ὁ μὲν ὑπομένων τὰ δεινὰ καὶ χαίρων ἢ μὴ λυπούμενός γε ἀνδρεῖος, ὁ δὲ λυπούμενος δειλός. περὶ ἡδονὰς γὰρ καὶ λύπας ἐστὶν ἡ ἠθικὴ ἀρετή. διὰ μὲν γὰρ τὴν ἡδονὴν τὰ φαῦλα πράττομεν, διὰ δὲ τὴν λύπην τῶν καλῶν ἀπεχόμεθα. διὸ δεῖ ἦχθαί πως εὐθὺς ἐκ νέων, ὡς ὁ Πλατων φησίν, ὥστε χαίρειν τε καὶ λυπεῖσθαι οἷς δεῖ· ἡ γὰρ ὀρθὴ παιδεία αὐτὴ ἐστίν.—ARISTOTLE.

2. Translate and explain:—

(*a*) οὐτ' ἄρα φύσει οὔτε παρὰ φύσιν ἐγγίνονται αἱ ἀρεταί, ἀλλὰ πεφυκόσι μὲν ἡμῖν δέξασθαι αὐτάς, τελειουμένοις δὲ διὰ τοῦ ἔθους.

(*b*) διὸ καὶ ὁρίζονται τὰς ἀρετας ἀπαθείας τινὰς καὶ ἠρεμίας· οὐκ εὖ δέ, ὅτι ἁπλῶς λέγουσιν·

3. Explain, giving examples, what Aristotle meant by his doctrine that virtue is a mean.

4. What are the meanings of:—ἀναίσθητοι, ἀοργησία, εὐτραπελία, ἀκολασία, κοσμιότητα.

(*For Degree Candidates.*)

1. Translate:—

ἄνδρα δῆ, ὡς ἔοικε, δυνάμενον ὑπὸ σοφίας παντοδαπὸν γίγνεσθαι καὶ μιμεῖσθαι πάντα χρήματα, εἰ ἡμῖν ἀφίκοιτο εἰς τὴν πόλιν αὐτός τε καὶ τὰ ποιήματα βουλομενος ἐπιδείξασθαι, προσκυνοῖμεν ἂν αὐτὸν ὡς ἱερὸν καὶ θαυμαστὸν καὶ ἡδύ, εἴποιμεν δ' ἄν, ὅτι οὐτ' ἔστιν τοιοῦτος ἀνὴρ ἐν τῇ πόλει παρ' ἡμῖν οὔτε θέμις ἐγγενέσθαι, ἀποπέμποιμέν τε εἰς ἄλλην πόλιν μύρον κατὰ τῆς κεφαλῆς καταχέαντες καὶ ἐρίῳ στέψαντες, αὐτοὶ δ' ἂν τῷ αὐηροτέρῳ καὶ ἀηδεστέρῳ ποιητῇ χρῴμεθα καὶ μυθολόγῳ ὠφελίας ἕνεκα, ὃς ἡμῖν τὴν τοῦ ἐπιεικοῦς λέξιν μιμοῖτο καὶ τὰ λεγόμενα λέγοι ἐν ἐκείνοις τοῖς τύποις, οἷς κατ' ἀρχὰς ἐνομοθετησάμεθα ὅτε τοὺς στρατιώτας ἐπεχειροῦμεν παιδεύειν. Και μάλ', ἔφη, οὕτως ἂν ποιοῖμεν, εἰ ἐφ' ἡμῖν εἴη.—PLATO.

2. Give the meanings of χρεμετίζοντας, τροχιλιῶν, ἀπειροκαλίας, λυγιζόμενος, ὀψιμαθῆ, ἀκρόχολοι.

3. What regulations as regards music would Plato enforce? What is the object of these regulations?

4. What measures does Plato propose to prevent the Guardians from becoming wolves instead of watch-dogs?

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

A une portée de fusil de l'hacienda de la Noria, une trentaine de huttes capricieusement groupées servaient d'habitations aux peones ou travailleurs à gages. Chaque hutte s'élevait au milieu d'un enclos formé par une haie vive de cactus, que des volubilis aux clochettes multicolores couvraient de leurs réseaux serrés ; mais l'intérieur des cabanes était loin de répondre à ces riants dehors : tout y trahissait le dénûment affreux qui est le partage du péon.

Sur la terre qu'on lui concède, chaque travailleur ne peut en effet cultiver à son profit que le carré de piment et de tabac qui lui est accordé par le maître de la ferme, et le temps qu'exige l'exploitation de ce petit coin de terre est pris sur ses heures de repos. Un monopole impitoyable le force d'acheter à l'hacienda le blé, le maïs, les objets manufacturés nécessaires à sa consommation, et dont le prix dépasse son modique salaire. Il achète donc presque tout à crédit, et le propriétaire reste éternellement son créancier.

2. Translate into French :—

My father was no ordinary character. One of the most remarkable features of his mind was simplicity. He was the most natural person I ever knew, and this gave a very agreeable tone to all he said and did. I verily believe he hated nothing but hypocrisy. He was blessed, moreover, with a sound understanding, an intrepid spirit, a benevolent heart. From his father, who was a man of distinguished learning, and from his mother, he derived a liking for literature, which, though impeded by the rough duties of a sea life, was never wholly subdued, and afterwards reasserted itself amidst the leisure of more gentle associations on shore.

Trinity Term, 1921.

ENTRANCE EXAMINATION.

APRIL.

ARITHMETIC.

MR. HENRY.

1. Find two whole numbers P and Q such that $(P + \frac{4}{5})(Q + \frac{1}{4}) = 10$.

2. What is meant by saying that one number is the reciprocal of another? Find the reciprocals of $3\frac{1}{3}$, -1, $\cdot\dot{1}0\dot{9}$.

3. What is the greatest weight which is contained an exact number of times in 3 tons 5 lbs. and 20 tons 3 cwt. 2 qrs.?

4. Given 1 metre = 39·37 inches, 1 gallon = 277·27 cubic inches, 1 gramme = 15·43 grains, infer the weight of a gallon of water in pounds avoirdupois.

5. If 8 men *or* 17 boys can do a certain amount of work in 13 days, how long will it take 4 men *and* 24 boys to do five times as much?

6. Find the present price of coal if a reduction of 10 per cent. would enable a purchaser to get exactly two tons more for £67 10s.

7. In how many years will the compound interest at 5 per cent. on £1,250 be £197 0s. $7\frac{1}{2}$d.?

ALGEBRA.

MR. H. THRIFT.

1. Reduce to its simplest form

$$\frac{x^2 - y^2}{x^2 - 3xy + 2y^2} \times \frac{xy - 2y^2}{x^2 + xy} \times \frac{x^2 - xy}{(x - y)^2}$$

2. Divide $6x^4 - 8x^3 - 9x^2 + 26x - 15$ by $2x^2 - 4x + 3$.

3. Simplify

$$\frac{x + 2}{x^2 - 6x + 5} - \frac{2(x + 1)}{x^2 - 2x - 15} + \frac{x}{x^2 + 2x - 3}.$$

4. Factorize $a(b^2 - c^2) + b(c^2 - a^2) + c(a^2 - b^2)$.

5. Solve the equation

$$\frac{8x-15}{3}-\frac{11x-1}{7}=\frac{7x+2}{13}.$$

6. The sum of the two digits composing a number is 11, and if 9 be added to the number the digits will be reversed. Find the number.

HISTORY AND GEOGRAPHY.

MR. LUCE.

1. Give a short account of—Poynings' Law, the Constitutions of Clarendon, the Star Chamber, the Declaration of Rights.

2. Explain Queen Elizabeth's political relations with foreign powers.

3. Mention, with dates, the chief British naval victories.

4. Sketch the political career of Walpole.

5. Explain the recent reforms in the administration of the Indian Empire.

6. Draw a railway map of Ireland.

7. What changes in the map of Europe are consequent on the Great War?

8. Where are—Lympne, Aleppo, Saigon, Quetta, Formosa, Archangel, Monte Video, Durban, Adelaide, Yap?

9. Enumerate the rivers and lakes of the African continent.

LATIN COMPOSITION.

MR. E. J. GWYNN.

How many things did Ulysses endure, during his ten years of wandering! His own sailors would not obey him. He was a slave to women, such as Circe and Calypso. When at last he reached his home, he had to bear the blows of beggars, and the taunts of serving-women. Ajax, if we may believe report, would sooner have undergone a thousand deaths than submitted to such ignominy.

You ought not to strive against nature, or pursue anything that you cannot attain.

Having lost all hope of safety, the survivors resolved to die fighting bravely.

Many thousand inhabitants were perishing daily for want of food and warmth.

If everything were done that the common people demand, they would still complain.

This is a very evil beast: when it is attacked, it defends itself.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Personne ici! Il me semblait avoir entendu parler dans cette chambre. Les clefs sont aux portes, la maison est déserte. D'où vient cela? En traversant la cour, un pressentiment m'a saisi. . . . Rien ne ressemble tant au malheur que la solitude. . . . Maintenant j'ose à peine avancer.—Hélas! je reviens de si loin, seul et presque au hasard; j'avais écrit pourtant, mais je vois bien qu'on ne m'attendait pas. Depuis combien d'années ai-je quitté ce pays? Six ans! Me reconnaîtra-t-elle? Juste ciel! comme le cœur me bat! Dans cette maison de notre enfance, à chaque pas un souvenir m'arrête. Cette salle, ces meubles, les murailles même, tout m'est si connu, tout m'était si cher! D'où vient que j'éprouve à cet aspect un charme plein d'inquiétude qui me ravit et me fait trembler? Voilà la porte du jardin, et celle-ci! . . . J'ai fait bien du chemin pour venir y frapper; à présent j'hésite sur le seuil.

Or—

Da trat Wieland vor den König und sprach: „Ich will den Versuch machen und den Stein holen. Willst du dein Königswort halten und mir deine Tochter zur Frau geben?"

„Ja!" gelobte der König vor allen Rittern. Nun schwang sich Wieland auf den Rücken seines guten Pferdes und ritt mit Windeseile davon.

Alle, die den Reiter sahen, glaubten, es sei Wotan, der durch die Lüfte reite.

Endlich gegen Mitternacht sah Wieland die Türme des Königsschlosses. Mit lautem Rufen begehrte er Einlass, und als das Tor geöffnet war, empfing er aus der Hand der schönen Bathildis den kostbaren Siegstein. Nun ritt er zurück, ebenso rasch wie er gekommen war.

Ganz nahe bei dem Ort, wo das Lager des Königs sich befand, trat ihm ein Ritter mit mehreren Soldaten entgegen, und rief: „Meister Wieland, wenn du den weiten Ritt wirklich vollbracht hast, so musst du ein Zauberer sein!"

2. Translate into French *or* German :—

One fine April morning, I left my house at 8 o'clock and began to walk towards College. The sun was shining. A warm wind was blowing. I had left my overcoat at home. Suddenly, when I had reached the end of Grafton Street, the weather changed. The wind became cold. It began to rain. The sun was covered with black clouds. Soon the streets were deserted. I could not wait till the rain stopped. I was late already. So I had to go on. I arrived at College shivering, wet to the skin. That is how I caught my cold.

ENGLISH COMPOSITION.

MR. ALTON.

[Choose *one* subject.]

1. My future profession.
2. Tales of travel and adventure.
3. Friendship and friends.
4. Modern inventions and discoveries.

ENTRANCE EXAMINATION.

MIDSUMMER.

ARITHMETIC.

MR. ROGERS.

1. Find $\cdot 0729 \times 3 \cdot 245$.
Divide the product by $\cdot 099$.

2. Find to the nearest foot the length of the side of a square field whose area contains 1 acre.

3. Find to the nearest halfpenny the compound interest on £1,575 for 5 years at 10 per cent. per annum.

4. A man sells $3\frac{1}{2}$ per cent. stock at 60 and buys 6 per cent. at 95. Find the percentage change in his income.

5. Find to two decimal places the value of

$$\sqrt{x^3 + y^3},$$

where $x = 1 \cdot 6, \quad y = 2 \cdot 5$.

ALGEBRA.

MR. FRASER.

1. If $x = 3 + \sqrt{3}$, find the value of $x^2 + \frac{6}{x^2}$.

2. Simplify the expression

$$\frac{4x + y}{3x + y} + \frac{y - 4x}{y - 3x} + \frac{y^2 - 3x^2}{y^2 - 9x^2}.$$

3. Add together the fractions

$$\frac{1}{2x^2 - 4x + 2}, \quad \frac{1}{2x^2 + 4x + 2}, \quad \frac{1}{1 - x^2}.$$

4. Find the remainder when $x^4 - 3x^3y + 2x^2y^2 - y^4$ is divided by $x^2 - xy + 2y^2$, and verify your result.

5. Find the values of x and y which satisfy the equations

$$a_1x + b_1y = c_1, \quad a_2x + b_2y = c_2.$$

6. Find the value of x which satisfies the equation

$$\tfrac{3}{5}(2x - 7) - \tfrac{2}{3}(x - 8) = \frac{4x + 1}{15} + 4.$$

HISTORY AND GEOGRAPHY.

DR. LUCE.

1. Write brief notes on the following :—the 'Black Prince,' Cardinal Wolsey, Walter Raleigh, Marlborough, Titus Oates, Walpole.

2. Sketch Queen Elizabeth's foreign policy.

3. Describe the contest over 'ship-money.'

4. What causes led to the Crimean War? Sketch the campaign.

5. Trace the growth of the British Constitution.

6. Draw a map of Ireland, and mark the county divisions.

7. What causes modify climate? Illustrate by examples.

8. Where are—Agadir, Mukden, the Falkland Islands, Rhode Island, Copenhagen, Aden?

9. Draw a map to illustrate the course of the Rhine; mark the chief towns on its banks, and the countries through which it flows.

10. Give a list of the South American states, and mention their respective capitals.

MR. R. M. GWYNN.

Translate into Latin :—

1. Brutus, they say, died by his own hand.

2. Whether this be true or false, he was worthy to be called the noblest Roman.

3. The rest all acted with a view to their own advantage.

4. The murderers spared neither man, woman, nor child.

5. The soldiers forgot their traditional valour.

6. The general made answer as follows :—'The enemy that you have been so long seeking is now only two miles distant: prepare then to

conquer or to die. I will send spies to bring me word of their numbers and the position of their camp; this done, I must entrust the rest to you. Remember that your country depends upon you. If you conquer, you will enjoy ease, plenty, freedom, and glory; if you are defeated, you will experience the only treatment you will deserve, that of slaves: up then and quit yourselves like men. Ten days ago you were eagerly longing for a battle: do you now shrink back? Ask yourselves whether you prefer a glorious death or an inglorious flight.' At these words the soldiers were filled with fury; they cast aside fear, they forgot their complaints, and promised one another to conquer or to die: and there was not one who thought victory for a moment doubtful. Soon afterwards all retired to their several tents, and there, by the command of the general, rested themselves till night brought darkness and the conflict. The general then ordered all the bravest centurions to appear before him for the purpose of receiving their several instructions.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English:—

Either—

Lorsque mademoiselle de Fontvenel vit Edgar s'approcher:

— Voici monsieur de Lorville, dit-elle; prenons garde à nous, malheur à qui cache un secret! Il va bien vite deviner ce que chacun de nous désire, c'est l'homme du monde le plus pénétrant.

— Rassurez-vous, reprit Edgar, ce soir je ne veux rien deviner.

— Comment! vous êtes bien dédaigneux, vous n'avez donc nulle envie de connaître notre pensée?

— Pas encore, elle ne peut m'être favorable: j'arrive. Les oubliés ont toujours tort, n'est-ce pas, Stéphanie? Ah! pardon, mademoiselle, mais je ne puis m'accoutumer à être traité ici en étranger. Il faut absolument que je me trouve un droit à votre préférence. Ne sommes-nous pas un peu cousins?

— Pas du tout, reprit en riant Stéphanie, et je ne peux pas là-dessus me faire la moindre illusion.

Or—

Als am folgenden Tag der Ritter wirklich zurückkam, zeigte ihm der König sein Bild in Eisen und erzählte ihm, was geschehen war.

Der Ritter lächelte.

„Weil du mein Bild so trefflich gemacht hast, sollst du wieder bekommen, was dein Eigentum ist," rief er dem jungen Schmied zu.

Nun freute sich Wieland, schloss sich in seine Schmiede und ruhte nicht, bis er ein Schwert geschmiedet hatte, das war so scharf, dass es Eisen zerhieb, ohne auch nur die geringste Scharte zu bekommen.

Mit leuchtenden Augen betrachtete der Meister sein Werk und sprach: „Du, mein gutes Schwert, sollst Mimung heissen, zu Ehren meines ersten Lehrers. Grosse Helden werden dich führen und Dichter dich preisen, denn kein Schwert auf dem ganzen Erdkreis ist dir gleich."

Wieland zeigte sein Schwert auch dem König, welchem es so gut gefiel, dass er sprach: „Dies ist die beste Waffe, die ich je gesehen habe. Fordere was du willst, und wäre es die Hälfte meines Königreichs, ich will das Schwert kaufen."

2. Translate into French *or* German :—

'Your mother sends this,' he said. 'She fears you may get wet. She implores and commands you to put it on. She also begs you——'

'How did she know I was here?'

'I told her. I guessed it. I saw you go in this direction.'

To look at the young lady's face, nobody could have divined at that moment how angry she was. She went on, quite kindly:

'What more, my child?'

'She begs you to appear at the palace to-night. There will be something of a feast. A wealthy Greek merchant is arriving: I forget his name. Yes, Theophilus! And also a new Christian preacher.'

'What, another one?'

ENGLISH COMPOSITION.

MR. ALTON.

[Choose *one* subject.]

1. Achievements of Science.
2. Last days at school.
3. Newspapers.
4. Dreams.
5. The modern parents.

JUNIOR FRESHMEN SUPPLEMENTING HILARY EXAMINATION.

GEOMETRY.

MR. FRASER.

1. Draw a line $\frac{1}{2-\sqrt{3}}$ inches long.

2. Construct an isosceles triangle on a line one inch long, and having its vertical angle $\frac{4}{15}$ of a right angle.

(*a*) Construct a regular polygon having 15 sides one inch long.

3. What test does Euclid supply for determining whether two rectangles are equal in area or not?

4. What assumption are you allowed to make about two parallel lines?

Prove that a parallelogram with its diagonal drawn is two equal triangles placed in a particular way.

5. Explain what is meant by the term 'tangent to a circle.'

Prove that the line joining the centre of a circle to the point of contact of a tangent is perpendicular to the circle.

6. Show how to place in a circle a triangle equiangular to a given one.

7. State and prove either proposition in which Euclid proves that the ratio of two areas is the same as the ratio of two lines.

8. On a given straight line describe a regular pentagon whose area is equal to a given square.

9. Prove that the ratio of two sides of a triangle is the same as the ratio of the segments which the internal bisector of the opposite angle divides it.

10. Prove that the area of the equilateral triangle described on the hypotenuse of a right-angled triangle is equal to the sum of the areas of the equilateral triangles described on the sides.

ALGEBRA AND ARITHMETIC.

MR. ROWE.

1. Simplify

$$\frac{a}{a+b} - \frac{a}{b-a} + \frac{2a^2}{a^2+b^2} - \frac{4a^2b^2}{b^4-a^4}$$

2. Solve the equation

$$\frac{5x-21}{x-4} + \frac{8x-10}{2x-3} = \frac{6x-23}{2x-7} + \frac{6x-5}{x-1}.$$

3. Extract the fourth root of

$$17 + 12\sqrt{2}.$$

4. If

$$x + y - a = 0,$$

$$5x + 2y - 3a = 0,$$

prove that

$$x^2 + 2y^2 - a^2 = 0.$$

5. A student walks to College at the rate of $3\frac{1}{2}$ miles an hour, and is 6 minutes late for his lecture. The next day he walks at the rate of $3\frac{3}{4}$ miles an hour, and is 4 minutes late. How far from College does he live?

6. A man's average expenditure per day during the first 7 days of a month was £1 5*s.* 6*d.*; during the remaining 23 days it was £1 6*s.* 8*d.* Find his average expenditure per day during the whole 30 days of the month.

7. A trader marks his goods so as to gain 150 per cent.: the purchaser is allowed 5 per cent. discount off the marked price. What is the trader's profit on an article marked 19*s.* 11*d.*?

8. Two bells ring at regular intervals of $1\frac{1}{2}$ seconds and of $1\frac{1}{4}$ seconds respectively. If they begin to ring together, when will the strokes of the two bells next coincide?

9. Find the amount, at simple interest, on £6034 10*s.* in $3\frac{1}{2}$ years at $5\frac{1}{2}$ per cent.

10. A man sells a certain amount of 3 per cent. stock at 102, and invests the proceeds in a 5 per cent. stock at $127\frac{1}{2}$, and finds that his income has been increased by £20 a year. How much 3 per cent. stock did he sell?

LATIN.

DR. LUCE.

[Candidates to attempt A and *either* B *or* C.]

[A.]

Translate into English:—

Faune, Nympharum fugientum amator,
Per meos fines et aprica rura
Lenis incedas abeasque parvis
Aequus alumnis,

Si tener pleno cadit haedus anno,
Larga nec desunt Veneris sodali
Vina craterae, vetus ara multo
Fumat odore.

Ludit herboso pecus omne campo,
Quum tibi Nonae redeunt Decembres;
Festus in pratis vacat otioso
Cum bove pagus:

Inter audaces lupus errat agnos;
Spargit agrestes tibi silva frondes;
Gaudet invisam pepulisse fossor
Ter pede terram.

HORACE.

1. Parse:—abeas, cadit, pepulisse.
2. Scan the first stanza.
3. Give the meanings of:—ovilia, adorea, genas, plectrum.
4. Sketch with dates the life of Horace.

[B.]

Translate into English :—

Interim Dione Syracusis interfecto Dionysius rursus Syracusarum potitus est. Cuius adversarii opem a Corinthiis petierunt ducemque, quo in bello uterentur, postularunt. Huc Timoleon missus incredibili felicitate Dionysium tota Sicilia depulit. Cum interficere posset, noluit, tutoque ut Corinthum perveniret effecit, quod utrorumque Dionysiorum opibus Corinthii saepe adiuti fuerant, cuius benignitatis memoriam volebat exstare, eamque praeclaram victoriam ducebat, in qua pius esset clementiae quam crudelitatis, postremo ut non solum auribus acciperetur, sed etiam oculis cerneretur, quem et ex quanto regno ad quam fortunam detulisset.

[C.]

Translate into Latin :—

(*a*) Caesar was killed by Brutus at Rome on the Ides of March.

(*b*) He was much afraid that the Carthaginian fleet would not arrive in time.

(*c*) This is more difficult than that.

(*d*) Knowledge of the good and right action are very different things.

(*e*) Cicero sent his son to Athens to acquire culture.

GREEK.

MR. GODFREY.

1. Translate:—

μετὰ δὲ ταῦτα ἐγίγνετο Ἀπατούρια, ἐν οἷς οἵ τε πατέρες καὶ οἱ συγγενεῖς σύνεισι σφίσιν αὐτοῖς. οἱ οὖν περὶ τὸν Θηραμένη παρεσκεύασαν ἀνθρώπους μέλανα ἱμάτια ἔχοντας καὶ ἐν χρῷ κεκαρμένους πολλοὺς ἐν ταύτῃ τῇ ἑορτῇ, ἵνα πρὸς τὴν ἐκκλησίαν ἥκοιεν, ὡς δὴ συγγενεῖς ὄντες τῶν ἀπολωλότων, καὶ Καλλίξεινον ἕπεισαν ἐν τῇ βουλῇ κατηγορεῖν τῶν στρατηγῶν. ἐντεῦθεν ἐκκλησίαν ἐποίουν, εἰς ἣν ἡ βουλὴ εἰσήνεγκε τὴν ἑαυτῆς γνώμην, Καλλιξείνου εἰπόντος τήνδε· ἐπειδὴ τῶν τε κατηγορούντων κατὰ τῶν στρατηγῶν καὶ ἐκείνων ἀπologουμένων ἐν τῇ πρρτέρα ἐκκλησίᾳ ἀκηκόασι, διαψηφίσασθαι Αθηναίους ἅπαντας κατὰ φυλάς· θεῖναι δὲ εἰς τὴν φυλὴν ἑκάστην δύο ὑδρίας· ἐφ' ἑκάστῃ δὲ τῇ φυλῇ κήρυκα κηρύττειν, ὅτῳ δοκοῦσιν ἀδικεῖν οἱ στρατηγοὶ οὐκ ἀνελόμενοι τοὺς νικήσαντας ἐν τῇ ναυμαχίᾳ, εἰς τὴν προτέραν ψηφίσασθαι, ὅτῳ δε μή, εἰς τήν ὑστέραν· ἂν δὲ δόξωσιν ἀδικεῖν, θανάτῳ ζημιῶσαι καὶ τοῖς ἑνδεκα παραδοῦναι καὶ τὰ χρήματα δημεῦσαι, τὸ δ' ἐπιδέκατον τῆς θεοῦ εἶναι.—XENOPHON.

2. Parse—κεκαρμένους, ἀπολωλότων, ἀκηκόασι, ἀνελόμενοι.

3. Parse, and give the meanings of—ἠόνα, ἐπακτρίδι, λακωνισταί, ἕλος, καταστρώματος, προπιών, ἀναψύχων, ἠφανίσθη.

4. What incidents in the life of Alcibiades does Xenophon relate in the first book of the *Hellenica*?

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

C'est dans le courant de cet après-midi que le sergent du génie garde-magasin du fort vient me trouver, demande à me parler seul et me dit d'une voix étranglée : 'Mon commandant, il n'y a presque plus d'eau dans la citerne.' Je me dresse, je fais répéter, je secoue le sergent :

— Mais c'est une trahison !

— Non, mon commandant, nous n'avons distribué que les quantités que vous avez prescrites ; mais les indications du registre sont erronées !

C'est l'agonie qui commence. Je donne l'ordre de réserver ce peu qui reste et de ne pas faire de distribution aujourd'hui.

Tous mes pigeons étant partis, comment vais-je communiquer avec l'extérieur ?

J'ai, dans le fort, une petite équipe de télégraphistes du génie et quand ces sapeurs me sont arrivés, ils m'ont informé qu'une équipe semblable avait été envoyée au fort de Souville pour établir une liaison par l'optique avec le fort de Vaux. Or, tous les appels que nous avons faits à Souville hier et avant-hier sont restés vains. Je les renouvelle et fais interroger non seulement Souville, mais tous les points de l'horizon et l'horizon reste muet.

Or—

Eine gute Stunde verging, ehe die beiden Männer aus der Tiefe des Abgrundes tauchten und festen Boden gewannen.

Sogleich lief Leodegar nach seinem Rucksack und stärkte den zitternden Kameraden mit einem Schluck Branntwein. Hierauf ruhten sie eine Weile nebeneinander und schlugen dann den Heimweg ein, Cölestin schwer an des Kameraden Arm hängend, da ihn die zitternden Kniee kaum zu tragen vermochten.

Oberhalb des Dorfes machten sie Halt ; drunten vor der Mühle war es schwarz voll Menschen ; immer noch tönte das Glöcklein laut und unheimlich in die nächtliche Stille – plötzlich gab's einen schrillen Ton von sich—die Tür der Mühle flog auf und Fridolina stürzte über die Schwelle, den Berg hinan, in Leodegars Arme. In tiefster Erschöpfung brach sie an seiner Brust zusammen, und er trug sie hinab, an den still ausweichenden Menschen vorbei, ins Haus.

2. Translate into French *or* German :—

I mentioned that I had walked home, at midnight on the previous evening, from the station. 'Then don't do it again, if you value your life. Not long ago a lieutenant was attacked on that very road, and almost beaten to death. By a miracle he was able to identify one of his assailants. They gave him—what do you think ?—two years' imprisonment ! Then there was the Italian who went out for a walk and was never heard of again. And the guide-books say that Tunisia is as safe as the heart of France ! I wonder how much they are paid for making that statement, and who pays it ?'

ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an essay on *one* of the following subjects :—

1. The observation of Nature in Tennyson's poems.
2. Louis at the court of Charles.
3. Quentin's journey with the ladies.
4. Moods and Feelings suggested by Tennyson.

JUNIOR FRESHMEN.

GEOMETRY.

MR. H. THRIFT.

Theoretical.

1. Prove that two parallelograms which are on the same base and between the same parallels are equal in area.

2. If a and b are linear magnitudes, a being greater than b, prove geometrically that

$$a^2 - b^2 = (a - b)(a + b).$$

3. If AB and CD are two chords of a circle meeting at a point O inside the circle, prove that the rectangle $AO \,.\, OB$ is equal to the rectangle $CO \,.\, OD$.

4. Prove that if two triangles have their sides proportional they are equiangular.

5. Show that similar hexagons are to one another in the duplicate ratio of their homologous sides.

6. Construct a figure similar to one figure and equal in area to another.

Practical.

[Take as unit of length either a centimetre or a half-inch, and state which unit you adopt.

No proof need be given, but the method of construction should be stated.]

7. On a line 7 units long describe a segment of a circle containing an angle equal to the angle of an equilateral triangle.

8. Construct a triangle whose sides are 3·5, 4·5, 5·5 units long. Construct another triangle whose longest side is 7 units and which is similar to the first triangle. Construct a third triangle similar to the first two and equal to the difference of their areas.

ALGEBRA AND ARITHMETIC.

MR. ROGERS.

1. Solve the equation

$$\frac{5x-7}{3} - \frac{3x-8}{4} = \frac{7x-5}{12}.$$

2. Find x, y, z from the equations

$$\begin{aligned} x + y + z &= 0, \\ x - 2y + z &= 5, \\ 2x + y - 2z &= 8. \end{aligned}$$

3. Solve the equation

$$325x^2 - 466x + 105 = 0.$$

4. A fraction is unaltered if 7 is added to the numerator and 19 to the denominator. Express the fraction in its lowest terms.

5. Two ladies, Mrs. A and Mrs. B, and their two daughters Ada and Bertha, go shopping, and each buys a number of articles equal to the number of shillings she gives for eaclf article. Each family spends £4 5*s*. Each mother spends more than her daughter, and Ada spends less than Bertha. Find the amount spent by each of the four ladies.

6. If $x = 3u + v$, $y = 3u^2 + v^2$, $z = 3u - v$, prove

$$(x + y^2)^3 + (z - y^2)^3 + (1 - yz)^3 = (1 + xy)^3$$

for all values of u and v.

7. It is required to lay out a rectangular field such that its area shall be an acre, and the longest straight path across it 100 yards. Find the lengths of the sides of the field to the nearest yard.

8. Find to the nearest penny the simple interest on £78 for one week at 6 per cent. *per annum*.

9. A man gives his wife a present of £2,000, which she invests in three concerns yielding respectively 5, 6, and 7 per cent. She does not invest less than £100 or more than £1,000 in any of them. Find the largest possible annual interest which she can get.

10. A speculator in advertisements offers £500 in prizes, which are to be distributed amongst five persons in the proportions 4, 2, 2, 1, 1. Find the amount received by each.

TRIGONOMETRY.

MR. HENRY.

1. The angles of a triangle are in the ratio 2 : 3 : 4 : find the smallest angle as a decimal fraction of a radian.

2. Calculate in degrees and minutes the angle subtended at the eye by a man 6 ft. high standing 100 yds. distant from the observer.

3. Prove the formula for the expansion of $\cos(A + B)$ when A is in the first quadrant and $A + B$ in the second.

4. Obtain the values of $\cos 135°$, $\tan(-660°)$, $\sin 22\frac{1}{2}°$.

5. Show that $4 \sin 20° \sin 40° \sin 80° = \sin 60°$.

6. If $\sin 2A = \cos 3A$, and $\sin A = x$, find a quadratic equation for x. Hence infer the value of $\sin 18°$.

7. Prove the expression for the cosine of an angle of a triangle in terms of the sides. Show that the cosine has an impossible value when the sum of two sides is less than the third, e.g.

$$a = 1, \quad b = 2, \quad c = 4.$$

8. Prove that the radius of the circle inscribed in a triangle is $\frac{A}{S}$, and find similar expressions for the radii of the other circles which touch the three sides.

9. Show clearly how to calculate the distance apart of two inaccessible objects in the horizontal plane of the observer.

10. Find the length of the shadow cast by a pole 12 ft. high when the Sun is 30° above the horizon.

LATIN.

MISS PURSER.

1. Translate into English :—

Si quis velit acriter cernere, oculi curandi sunt, quibus cernitur, si velis perniciter *currere*, pedes curandi sunt, quibus currītur: itidem si pugillari velis, brachia exercenda sunt, quibus pugillatur. Similiter in omnibus ceteris membris, sua cuique cura pro studio est. Quod cum omnes facile *perspiciant*, nequeo satis admirari, cur non animum suum ratione *colant*. Quae quidem ratio vivendi omnibus aeque necessaria est; non ratio pingendi, nec ratio canendi, quas quivis bonus vir sine turpitudine contempserit. Nescio, ut Ismenias, tibiis, canere; sed non pudet me tibicinem non esse; nescio, ut Apelles, pingere, sed non pudet me non esse pictorem; et idem in ceteris artibus. Dic vero, 'Nescio bene vivere, ut Socrates, ut Plato vixerunt; nec pudet me nescire bene vivere.' Nunquam hoc dicere *audebis*.

Give parts of verbs in italics.

2. *Orpheus and Eurydice.*

Thracius uxorem et legem simul accipit Orpheus
Ne flectat retro sua lumina donec Avernas
Exierit valles: aut irrita dona futura.
Carpitur acclivis per muta silentia trames,
Arduus, obscurus, caligine densus opaca,
Nec procul afuerunt telluris margine summae.
Hic, ne deficeret, metuens avidusque videndi

.Flexit amans oculos: et protinus illa relapsa est . . .
Iamque iterum moriens non est de coniuge quidquam
Questa suo (quid enim nisi se quereretur amatam?)
Supremumque 'vale,' quod iam vix auribus ille
Acciperet, dixit, revolutaque rursus eodem est.

Scan lines 1, 2, and 3, and point out any peculiarity of quantity in line 6.

3. Distinguish between meanings of—cado, caedo; pareo, pario; sedeo, sedo; solum, solium; venio, veneo: marking quantities.

LATIN.

MR. CANNING.

[Candidates should attempt EITHER the Composition OR the Unprescribed Passage.]

UNPRESCRIBED PASSAGE.

Tit for Tat.

Scipio Nasica cum ad poetam Ennium venisset, eique ab ostio quaerenti Ennium ancilla dixisset, domi non esse, Nasica sensit illam domini iussu dixisse, et illum intus esse. Paucis post diebus cum ad Nasicam venisset Ennius, et eum a ianua quaereret, exclamat Nasica, se domi non esse: tum Ennius, Quid? inquit: ego non cognosco vocem tuam? hic Nasica: Homo es impudens; ego cum te quaererem, ancillae tuae credidi te domi non esse: tu mihi non credis ipsi?

FOR LATIN COMPOSITION.

An old man had cut some logs in a wood, and taking them up began to return home. When he had gone a short distance, being weary of his burden, he threw it on the ground, and, in a loud voice, called on Death to free him from all his troubles. Death, hearing the old man's prayer, suddenly appeared and asked what he wanted. The old man, repenting of his prayer, replied, 'I want some one to put this burden on my back.'

Translate:—

Mos erat Hesperio in Latio, quem protinus urbes
Albanae coluere sacrum, nunc maxima rerum
Roma colit, cum prima movent in proelia Martem,
Sive Getis inferre manu lacrimabile bellum
Hyrcanisve Arabisve parant seu tendere ad Indos
Auroramque sequi Parthosque reposcere signa:
Sunt geminae belli portae (sic nomine dicunt)
Religione sacrae et saevi formidine Martis;
Centum aerei claudunt vectes aeternaque ferri
Robora, nec custos absistit limine Ianus;

Has, ubi certa sedet patribus sententia pugnae,
Ipse Quirinali trabea cinctuque Gabino
Insignis reserat stridentia limina consul,
Ipse vocat pugnas; sequitur tum cetera pubes,
Aereaque adsensu conspirant cornua rauco.
Hoc et tum Aeneadis indicere bella Latinus
More iubebatur tristisque recludere portas;
Abstinuit tactu pater aversusque refugit
Foeda ministeria et caecis se condidit umbris.

VERGIL.

1. Complete the lines—

(*a*) Infandum regina iubes ————

(*b*) Quidquid id est, timeo ————

(*c*) Non anni domuere decem ————

(*d*) Exoritur clamorque virum ————

2. Scan the first two lines of the prescribed passage.

3. Parse, giving the principal parts of the verbs—coluere, movent, sequi, refugit, condidit, Parthos, robora, trabea.

GREEK.

DR. GOLIGHER.

1. Translate:—

ὣς ἔφαθ', αἱ δ' ἀπάνευθεν ἴσαν, εἶπον δ' ἄρα κούρῃ.
αὐτὰρ ὁ ἐκ ποταμοῦ χρόα νίζετο δῖος Ὀδυσσεὺς
ἅλμην, ἣ οἱ νῶτα καὶ εὐρέας ἄμπεχεν ὤμους·
ἐκ κεφαλῆς δ' ἔσμηχεν ἁλὸς χνόον ἀτρυγέτοιο.
αὐτὰρ ἐπεὶ δὴ πάντα λοέσσατο καὶ λίπ' ἅλειψεν,
ἀμφὶ δὲ εἵματα ἕσσαθ' ἃ οἱ πόρε παρθένος ἀδμὴς,
τὸν μὲν Ἀθηναίη θῆκεν, Διὸς ἐκγεγαυῖα,
μείζονά τ' εἰσιδέειν καὶ πάσσονα, κὰδ δὲ κάρητος
οὔλας ἧκε κόμας, ὑακινθίνῳ ἄνθει ὁμοίας.
ὡς δ' ὅτε τις χρυσὸν περιχεύεται ἀργύρῳ ἀνὴρ
Ἴδρις, ὃν Ἥφαιστος δέδαεν καὶ Παλλὰς Ἀθήνη
Τέχνην παντοίην, χαρίεντα δὲ ἔργα τελείει,
ὣς ἄρα τῷ κατέχευε χάριν κεφαλῇ τε καὶ ὤμοις.
ἕζετ' ἔπειτ' ἀπάνευθε κιὼν ἐπὶ θῖνα θαλάσσης,
κάλλεῖ καὶ χάρισι στίλβων· θηεῖτο δὲ κούρη.
δή ῥα τότ' ἀμφιπόλοισιν ἐϋπλοκάμοισι μετηύδα.

HOMER.

2. Parse—ἴσαν, χρόα, ἔσσατο, πάσσονα, μετηύδα.

3. Explain—*νῆες ἀμφιέλισσαι, δόσις δ' ὀλίγη τε φίλη τε, μάλιστα δέ τ' ἔκλυον αὐτοί, χρισάμεναι λίπ' ἐλαίῳ, ὅς κέ σ' ἐέδνοισι βρίσας οἶκόνδ' ἀγάγηται.*

4. Write an essay on the poet's characterization of Nausicaa.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Pendant que nous étions à table, on avait renouvelé les chevaux du cabriolet et de la charrette. Vers dix heures du soir, nous nous remîmes en route, escortés, cette fois, par la garde nationale tout entière de Villers-Cotterets.

Je laissai à Bard la garde de la poudre, je remontai dans le cabriolet, je chargeai Hutin de payer les relais, je me rendormis, et ne me réveillai que dans la cour du maître de poste du Bourget.

Il était à peu près trois heures du matin.

Je ne pouvais voir le général La Fayette que vers huit ou neuf heures. Nous acceptâmes donc la tasse de café et le lit que nous offrait le maître de poste.

Seulement, comme je me défiais de moi, et que je craignais de dormir vingt-quatre heures, je priai qu'on me réveillât à sept heures, promesse qui me fut faite et qui fut religieusement tenue.

Or—

König. Herr Ritter von Hotham, ich muss gestehen, dass mich diese Nachricht überrascht, ja erschüttert. Indessen schreiben Sie es nur Ihrer eignen egoistischen Politik zu, wenn ich Ihnen erkläre, dass für mich in Berlin kein Fremder existiert, der nicht an den Thoren meiner Residenz rechtmässig angemeldet ist. Will man mich auf's äusserste bringen, will man mir den eignen Boden unter den Füssen unsicher machen, so erklären Sie dem Prinzen von Wales, dass ich zwar sehr gerührt bin von seiner Anhänglichkeit an meine Familie, ihn aber unter solchen Bedingungen, die das Wohl meines Landes, das Glück meiner Unterthanen bedrohen, höflichst ersuchen liesse, da wieder hinauszugehen, wo er hereingekommen ist. Erbprinz, Sie reisen im Auftrag meiner Monarchie nach Wien. Wilhelmine, die künstige Kaiserkrone wird Dich trösten und Sie, Madame, wird denn Ihr Stolz nicht endlich seine Grenzen erreicht haben?

Königin. Ich habe England mein Wort gegeben?

König. Aber wenn es nun doch nicht möglich ist.

Königin. Vor einer Stunde, ja! Aber jetzt die persönliche Ankunst des Prinzen von Wales hat alles entschieden!

2. Translate into French *or* German :—

I went to a table, where I wrote a permit in these terms :—'July 30, 1830. Pass Mr. A Dumas to visit General Gérard.' I presented it to General La Fayette with one hand and a pen with the other. He signed. I had my order. 'Thanks, General,' I said to him. And as the permit was in my own handwriting, I added after the words 'General Gérard' the following sentence : 'To whom we commend the proposal which he has just made to us.' Provided with this permit, I betook myself at once to Laffitte's, and I reached the General. The latter had seen me as a child. I gave my name. He recognized me. 'Oh! it's you, Mr. Dumas!' he said to me. 'Well, what is this proposal?'

ENGLISH COMPOSITION.

MR. ALTON.

(Choose *one* subject.)

1. Travelling in the eighteenth century.
2. The Tartar migration.
3. The Romance and Reality of chivalry.
4. The last fight of Marmion.

SENIOR FRESHMEN.

ALGEBRA AND ARITHMETIC.

MR. ROGERS.

1. Solve the equation

$$\frac{3x-7}{5} - \frac{5x-4}{13} = \frac{2x-7}{65}.$$

2. Find x, y, z from the equations

$$x + y + z = 5,$$
$$5x + 3y = x + 2y + z = 0.$$

3. Find to two decimal places the roots of

$$5x^2 - 19x + 7 = 0.$$

4. Four ladies go shopping, and each buys a number of articles equal to the number of shillings in the price of each article. Two of the ladies spend £4 5*s.* between them, and the other two also spend £4 5*s.* between them. No two ladies spend the same sum. Find the number of articles bought by each.

5. Find the factors of

$$x^3 + y^3 - z^3 + 3xyz.$$

6. Solve the equations

$$x^3 + y^3 = 98,$$
$$x + y = 2.$$

7. Prove $(x + y^2)^3 + (z - y^2)^3 + (1 - yz)^3 = (1 + xy)^3$,
where $x = 3v - u$, $y = 3v^2 + u^2$, $z = 3v + u$.

8. Find the compound interest on £3500 for 3 years at 5 per cent.

9. A man's total income is £1000. He pays 3*s.* in £1 on a part, 6*s.* in £1 on the rest, and his total income-tax is £172 10*s.* Find the amount on which he pays 3*s.*

10. A man sells $3\frac{1}{2}$ per cent. stock at 60, and buys 6 per cent. at 95. Find the percentage change in his income.

TRIGONOMETRY.

MR. FRASER.

State the one invariable unit which space provides us with.

(*a*) Prove that the radian is an invariable angle.

2. Prove that $\cos(A + B) = \cos A \cdot \cos B - \sin A \cdot \sin B$, when A and B are both greater than one right angle and less than two right angles.

3. Evaluate $\cos 15°$; $\sin 7\frac{1}{2}°$.

4. Express—

(*a*) The length of the side of an equilateral triangle inscribed in a circle in terms of the radius.

(*b*) The length of the side of an inscribed square.

(*c*) The length of the side of an inscribed pentagon.

5. If $\cos 3\theta = \frac{1}{\sqrt{2}}$, find all the values of θ ranging from 0° to 360° which satisfy the equation.

6. If θ is the circular measure of an acute angle, prove that

$$\tan\theta > \sin\theta > \theta.$$

(*a*) Prove that when θ is very small $\frac{\sin\theta}{\theta} = 1$ approximately, $\frac{\tan\theta}{\theta} = 1$ approximately.

7. Adopting the usual notation in connexion with a plane triangle, prove that $r \cdot s = \Delta$, $r_1 \cdot (s - a) = \Delta$, &c.

Prove that

$$\sqrt{r \cdot r_1 \cdot r_2 \cdot r_3} = \Delta, \quad \frac{1}{r_1} + \frac{1}{r_2} + \frac{1}{r_3} - \frac{1}{r} = 0,$$

and express the area of a triangle in terms of r, r_1, r_2, r_3.

8. Given two sides and the included angle of a triangle, show how to solve the triangle completely.

(*a*) Find the radius of the circumscribing circle in a form suitable for logarithmic calculation.

9. In a triangle, given

$$a = 3\sqrt{3} \quad b = 3, \quad A = 120°,$$

find B and C.

10. Given $\log_{10}2 = \cdot 30103$, calculate $\log_{10}1\frac{3}{5}$.

LOGIC.

MR. KENNEDY.

1. Restate the following propositions so as to show definitely the quantity of each:—

(*a*) Birds have wings.

(*b*) Birds are not quadrupeds.

(*c*) Birds sing.

(*d*) Food is necessary to life.

(*e*) Caesar was not wholly a tyrant.

(*f*) All the angles of a triangle are equal to two right angles.

2. Point out the faults in the following definitions:—

(*a*) Money is that which is made of metal.

(*b*) Money is an article of value given in exchange for something else.

(*c*) A parallelogram is a four-sided figure whose opposite sides are parallel and equal.

(*d*) Ignorance is want of knowledge.

3. (*a*) Show that if either premiss of a syllogism is particular, the conclusion must be particular.

(*b*) Show that no syllogism in the fourth figure can have a particular negative premiss, or a universal affirmative conclusion.

4. Classify Fallacies. Give examples.

5. (*a*) Aristotle sought to bring all mediate reasoning under a single principle: explain.

(*b*) What view did Mill take of deductive reasoning?

MECHANICS.

MR. W. E. THRIFT.

1. Define the 'moment' of a force.

Prove that the algebraic sum of the moments of two forces which act along two intersecting lines about a point in their plane is equal to the moment of their resultant about the point.

2. A uniform rod, 14″ long and weighing 6 oz., is suspended by two vertical cords attached to points distant 1″ and 12″ from one end. If weights 2, 5, 8 oz. respectively are hung on it at distances 3″, 5″ and 10″ from the same end, find the tensions in the cords.

3. If a rough plane is 5 ft. high and 13 ft. long, and the coefficient of friction is $\frac{1}{4}$, find the least force, acting horizontally, which will prevent a body, weighing 53 lbs., from slipping down the plane.

4. Draw a diagram of a system of 4 pulleys arranged so that a pull of 1 lb. can support a weight of 16 lbs.

Mark the tensions of the strings, and show how far each pulley will move upwards, if the weight be raised 2″.

5. A number of weights are at certain heights above the ground. Show that the work done in lifting them from the ground into these positions is equal to the product of the sum of the weights and the height of their centre of gravity from the ground.

6. Through the centre of gravity of a triangular plate a line is drawn parallel to the base. Find the positions of the centres of gravity of the two portions into which the triangle is thus divided.

7. What is meant by the mechanical advantage of a machine?

Give examples of the different kinds of levers, and show how to find the 'mechanical advantage' of one of each type.

8. One end of a beam is in contact with a smooth wall. A rope attached to the other end passes over a smooth pulley at the top of the wall and supports a weight equal to twice the weight of the beam. If the rope and beam lie in a vertical plane perpendicular to the wall, and the system is in equilibrium, find the angle of inclination of the rope to the wall.

LATIN.

DR. GOLIGHER.

1. Translate into Latin:—

Meanwhile Octavius and Merula had fortified the city, had sent for troops from Cisalpine Gaul, and had summoned the proconsul Pompeius from Picenum. Pompeius came and halted at the Colline Gate. It was suspected that he was waiting to join the successful side. With him was his son, afterwards called 'The Great,' who now showed of what stuff he was made by putting down a mutiny against his father and baffling a plot for his own assassination. Cinna marched to the right bank of the Tiber, opposite the Janiculum.

2. Translate into English:—

Ph. De magnis divitiis siquid demas, plus fit an minus?
Ly. Minus, pater: sed civi inmuni scin quid cantari solet?
'Quod habes ne habeas, et illuc quod non habes habeas, malum,
Quandoquidem nec tibi bene esse pote pati neque alteri.'
Ph. Scio equidem istuc ita solere fieri: verum, gnate mi,
Is est inmunis quoi nil est qui munus fungatur suom.

Ly. Deum virtute habemus et qui nosmet utamur, pater,
Et aliis qui comitati simus benevolentibus.
Ph. Non edepol tibi pernegare possum quicquam quod velis:
Quoius egestatem tolerare vis? loquere audacter patri.
Ly. Lesbonico huic adulescenti, Charmidai filio,
Qui illic habitat. *Ph.* Quin comedit quod fuit, quod non fuit?
Ly. Ne opprobra, pater: multa eveniunt homini quae volt, quae nevolt.

PLAUTUS.

3. Parse and give the principal parts of—demas, solet, pati, comedit, nevolt.

4. Write notes on the forms—siris, faxo, interduim.

5. Illustrate from the *Trinummus* the merits of Plautus as a writer of comedies.

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Madame de Clairange n'avait ni qualités, ni défauts, et, n'étant entrainée ou retenue par aucun sentiment primitif, bon ou mauvais, elle avait pu se choisir tous ceux qui embellissent, et cela avec un goût exquis, c'est une justice à lui rendre. Les émotions les plus naturelles n'étaient pour elle que des parures; elle préférait la bonté à la malice, comme on préfère le bleu au rose, selon qu'il sied mieux. Décidée à la générosité, dans son zèle charitable, elle faisait, en effet, beaucoup de bien, mais tout cela sans charme, sans se faire aimer.

Il n'était pas une seule personne dans la société de madame de Clairange à qui elle n'eût rendu service. Aussi, dès qu'elle arrivait, on s'empressait autour d'elle; car chacun voulait la dédommager, par une préférence apparente, des sentiments qu'elle n'inspirait pas.

2. Translate into French :—

'Have you seen my brother since his return?' I asked my friend George, walking with him in the great avenue of the park.

'No; they tell me that he has changed a great deal.'

'Yes, my dear fellow, he is unrecognizable.'

'How? Has he been ill?'

'No, he is in the best of health. But he has become a politician. He is melancholy, absent-minded, contemptuous, and never tells the truth except by accident.'

'You astonish me. He was at school with me. I knew him very well.'

ENGLISH COMPOSITION.

MR. E. J. GWYNN.

Choose one of the following subjects :—

1. Development of town life in England during the seventeenth and eighteenth centuries.

2. Middle-class types, as seen by George Eliot.

3. A comparison between George Eliot and Anthony Trollope, *or* Arnold Bennett.

FINAL FRESHMAN EXAMINATION.

ALGEBRA AND ARITHMETIC.

MR. FRASER.

1. Reduce the expression

$$\frac{4x^7 + 14x^6 - 4x^5 - 6x^4 + 28x^3}{2x^5 + 7x^4 + 10x^3 + 35x^2}$$

to its lowest terms

2. Reduce the expression

$$\frac{b-c}{a^2-(b-c)^2} + \frac{c-a}{c^2-(a-b)^2} + \frac{(a-b)}{a^2-(b-c)^2}$$

to its simplest form.

3. If k is positive and greater than 2, prove that any one of the expressions

$$x^2 + y^2 + \sqrt{k+2}\,xy, \quad x^2 - y^2 + \sqrt{k-2}\,xy,$$
$$x^2 + y^2 - \sqrt{k+2}\,.\,xy, \quad x^2 - y^2 - \sqrt{k-2}\,.\,xy,$$

is a factor of $x^4 + y^4 - kx^2y^2$.

4. Solve the equation

$$\frac{x^2}{a+b} + (a-b) = \frac{2ax}{a+b}.$$

5. Solve the equation

$$\frac{\sqrt{2+x} + \sqrt{2-x}}{\sqrt{2+x} - \sqrt{2-x}} = 2.$$

6. If $53 - 12\sqrt{10} = (\sqrt{x} - \sqrt{y})^2$, find the two simultaneous equations which x and y must satisfy. Solve them.

7. A boat's crew can row 8 miles per hour in still water: what is the speed of a river's current if it take them 2 hours and 40 minutes to row 8 miles up and 8 miles down?

8. Two pipes, A and B, can separately fill a cistern in 12 and 20 minutes respectively, and a waste-pipe C can carry off 15 gallons per minute. If all the pipes are opened when the cistern is full, it is emptied in 2 hours: calculate its volume.

9. The difference between the compound interest and simple interest of a sum of money is £14 7*s.* 8*d.* at the end of 2 years at a 5 per cent. rate of interest. Find the sum of money.

10. A cargo of goods was insured at $3\frac{1}{8}$ per cent. on the price they were expected to fetch, which was 20 per cent. more than the price paid for them. The assurance came to £117 10*s.* What was the cost price?

TRIGONOMETRY.

MR. ROGERS.

1. If $\tan A = \cdot 4$, find $\sin A$ and $\cos A$ to one decimal place, assuming A is acute.

2. Prove the formula for $\sin(A + B)$.

3. Express the sine, cosine, and tangent of $180° + A$ and $180° - A$ in terms of functions of A.

4. Starting from the formula

$$a^2 = b^2 + c^2 - 2bc \cos A,$$

express the area of a triangle in terms of the sides.

5. A halfpenny held at a distance of 20 inches from the eye just conceals a ship 200 feet long. The diameter of the coin being 1 inch, find the approximate distance of the ship.

6. Find to one decimal place the area of a triangle whose sides are 13, 15, 18.

7. The elevation of the summit of a mountain at A is 30°. After walking 1,000 yards horizontally in the same vertical plane as the summit, the elevation is 45°. Find the height of the mountain.

8. Express $10^{\log x}$ in terms of x (the base being 10) in the simplest form. Express

$$\log \frac{x^2 y^3 z^2}{a^2 b^2 d^3}$$

in terms of $\log x$, etc.

LOGIC.

MR. KENNEDY.

1. (*a*) Distinguish between Deductive and Inductive Logic.

(*b*) Point out the principles on which each rests.

2. Distinguish the Predicables from the Ten Categories. Give examples.

3. Put into strict logical form :—

(*a*) All the miners did not vote.

(*b*) No one is free who is a slave to his passions.

(*c*) Elements alone are metals.

(*d*) Error is always in haste.

(*e*) The best-devised plans may fail.

(*f*) Dead languages are not the only ones worth studying.

4. (*a*) Explain the nature and purpose of Logical Reduction.

(*b*) What are its two kinds?

(*c*) Reduce in both ways the following syllogism:—

Some truths are not directly useful;
All truths are worthy of being known:
∴ Some things worthy of being known are not directly useful.

5. (*a*) Point out the fallacy in the following:—

'If the study of Logic furnished the mind with a multitude of useful facts like the study of other sciences, it would deserve cultivation; but it does not furnish the mind with a multitude of useful facts; therefore it does not deserve cultivation.'

(*b*) Give an example of the other fallacy in hypothetical syllogisms.

(*c*) Show that each of these two fallacies (in hypothetical syllogisms) is equivalent to a fallacy in categorical syllogisms.

MECHANICS.

MR. H. THRIFT.

1. Prove that if the lines of action of two forces meet in a point the algebraic sum of their moments round any point in their plane is equal to the moment of their resultant round the same point.

2. Four forces equal to the weights of 2, $\sqrt{3}$, 3, 5 pounds act at a point O, the angle between the first and second being 30°, between the second and third 90°, and between the third and fourth 120°, all the angles being measured in the same direction. Find the magnitude and direction of their resultant.

3. A uniform rod 20 feet long weighing 6 lbs. rests on two props on the same horizontal level placed at distances of 6 and 12 feet from one end. Weights of 5, 4, 8, 7 pounds are hung on at distances of 0, $2\frac{1}{2}$, 15, and 20 feet from the same end. Find the pressures on the props.

4. A weight of 50 pounds is placed on a rough inclined plane which rises 3 feet in every 5 feet of its length, and for which the coefficient of friction is $\frac{1}{2}$, and is kept in equilibrium by a force P acting up the plane. Find the greatest and least values of P consistent with equilibrium.

5. A well of which the cross-section is a circle of radius 4 feet, and whose depth is 300 feet, is full of water. Find the work done in pumping the water to the level of the top of the well, and the horse-power of the engine which can accomplish the work in one hour.

[$\pi = \frac{22}{7}$, and a cubic foot of water weighs $62\frac{1}{2}$ pounds.]

6. A stone is thrown vertically upwards from a height of 112 feet above the ground with a velocity of 36 feet per second. When will it reach the ground?

7. A weight of 26 pounds, resting on a smooth inclined plane which rises 5 feet in each 13 feet of its length, is connected by a light string passing over a smooth pulley at the top of the plane with a weight of 14 pounds hanging freely. Write down for each mass the equation which determines its motion, and hence determine the acceleration of the system and the tension of the string.

8. A stone projected with a velocity of 40 feet per second over a horizontal sheet of ice comes to rest in a distance of 100 yards. Find the coefficient of friction.

9. A bullet fired with a velocity of 300 feet per second is able to penetrate to a distance of 18 inches into a block of wood. If it is fired with the same velocity into a similar block 10 inches thick, find the velocity with which it will emerge on the supposition that the wood exerts on the bullet a constant force.

10. A mass of 8 pounds is moving due north on a horizontal plane with a velocity of 7 feet per second when a constant force begins to act on it. After 5 seconds it is found to be moving due east with a velocity of 24 feet per second. Find the magnitude and direction of the force.

LATIN.

MR. GODFREY.

[All Candidates should attempt either the Unprescribed Passage or the Latin Composition.]

[A.]

Unprescribed Passage.

Translate:—

C. Toranius, triumvirum partes secutus, proscripti patris sui, viri ornatissime, latebras, aetatem, notasque corporis quibus agnosci posset, centurionibus edidit, qui eum persecuti sunt. Senex de filii magis vita quam de sua sollicitus, an incolumis esset, et an imperatoribus satisfaceret, interrogare eos coepit. E quibus unus, 'Ab illo,' inquit, 'quem tantopere diligis, demonstratus, nostro ministerio, filii indicio occideris,' protinusque pectus eius gladio traiecit. Collapsus itaque est infelix, auctore caedis quam ipsa caede miserior.

Latin Composition.

Now when the Delphians knew what great danger they were in, great fear fell upon them. In their terror they consulted Apollo concerning the holy treasures, and enquired whether they should bury them in the ground or carry them away to another country. The god replied that they must leave the treasures untouched. 'He was able,' he said, 'without help to protect his own.' So the Delphians, when they received this answer, began to deliberate how to save themselves.

[B.]

1. Translate:—

Talibus orantem dictis arasque tenentem
Audiit Omnipotens, oculosque ad moenia torsit
Regia et oblitos famae melioris amantis.
Tum sic Mercurium adloquitur ac talia mandat:
'Vade age, nate, voca Zephyros et labere pennis
Dardaniumque ducem, Tyria Karthagine qui nunc
Exspectat fatisque datas non respicit urbes,
Adloquere et celeris defer mea dicta per auras.
Non illum nobis genetrix pulcherrima talem
Promisit Graiumque ideo bis vindicat armis;
Sed fore qui gravidam imperiis belloque frementem
Italiam regeret, genus alto a sanguine Teucri
Proderet, ac totum sub leges mitteret orbem.
Si nulla accendit tantarum gloria rerum
Nec super ipse sua molitur laude laborem,
Ascanione pater Romanas invidet arces?
Quid struit? aut qua spe inimica in gente moratur
Nec prolem Ausoniam et Lavinia respicit arva?
Naviget! Haec summa est, hic nostri nuntius esto.'

2. Show your acquaintance with (*a*) Dido's death scene, (*b*) the meeting of Aeneas and Dido in the underworld.

3. Who were—Misenus, Aeolides, Salmoneus, Marcellus?

4. Parse and give the meanings of—*vagina*, *sutilis*, *taedis*, *excoluere*.

GREEK.

MR. CANNING.

Translate:—

τὸν δ' ἠμείβετ' ἔπειτα γέρων Πρίαμος θεοειδής·
"εἰ μὲν δὴ θεράπων Πηληϊάδεω Ἀχιλῆος
εἶς, ἄγε δή μοι πᾶσαν ἀληθείην κατάλεξον,
ἦ ἔτι πὰρ νήεσσιν ἐμὸς πάϊς, ἦέ μιν ἤδη
ἦσι κυσὶν μελεΐστι ταμὼν προύθηκεν Ἀχιλλεύς."
τὸν δ' αὖτε προσέειπε διάκτορος Ἀργειφόντης·
"οὔ γέρον, οὔ πω τόν γε κύνες φάγον οὐδ' οἰωνοί,
ἀλλ' ἔτι κεῖνος κεῖται Ἀχιλλῆος παρὰ νηΐ
αὕτως ἐν κλισίῃσι· δυωδεκάτη δέ οἱ ἠὼς
κειμένῳ, οὐδέ τί οἱ χρὼς σήπεται, οὐδέ μιν εὐλαὶ
ἔσθουσ', αἵ ῥά τε φῶτας ἀρηϊφάτους κατέδουσιν.
ἦ μέν μιν περὶ σῆμα ἑοῦ ἑτάροιο φίλοιο
ἕλκει ἀκηδέστως, ἠὼς ὅτε δῖα φανήῃ,
οὐδέ μιν αἰσχύνει· θηοῖό κεν αὐτὸς ἐπελθὼν
οἷον ἐερσήεις κεῖται, περὶ δ' αἷμα νένιπται,
οὐδέ ποθι μιαρός· σὺν δ' ἕλκεα πάντα μέμυκεν,
ὅσσ' ἐτύπη· πολέες γὰρ ἐν αὐτῷ χαλκὸν ἔλασσαν.
ὥς τοι κήδονται μάκαρες θεοὶ υἷος ἑῆος
καὶ νέκυός περ ἐόντος, ἐπεί σφι φίλος περὶ κῆρι."

HOMER.

1. Give the meanings of—καλύπτρη, ἐξονομακλήδην, ὄνειαρ, ὅμιλος, παναφήλικα.

2. Parse the following words from the text:—εἶς, κατάλεξον, νήεσσιν, ταμών, προύθηκεν, νένιπται.

3. Write a note on the character of Achilles.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English:—

Either—

L'interrogatoire terminé, on l'apporta au roi.

Il était en ce moment avec le cardinal de Richelieu; mais il quitta soudainement toutes les affaires, et lut avec empressement le papier qui lui fut remis.

— Monsieur, dit-il au cardinal, vous voyez qu'il a tout nié. C'est votre faute; vos soupçons l'ont jeté de force dans la rébellion.

— Sire, répondit Richelieu, mes précautions pour la sûreté de l'État peuvent avoir été trop empressées; une autre fois, j'attendrai que la révolte soit en pleine prospérité.

— Ce n'est pas cela, monsieur le cardinal, dit Louis XIII; mais, pour Dieu! débarrassez-moi de cette affaire, pour laquelle vous m'avez forcé de venir à Toulouse. C'est un supplice. Toute ma cour me regarde d'un œil contristé; Châtillon m'obsède; l'archevêque de Narbonne, Raré lui-même, que le duc a fait arrêter après les états, ne me laissent pas un moment de repos; mon frère m'envoie message sur message. Je veux en finir. D'ailleurs Montmorency n'avoue rien, c'est le plus brave gentilhomme de France: je lui pardonnerai, monsieur le cardinal, je lui pardonnerai.

Or—

„In einem einzigen Augenblicke bin ich nun ein reicher Mann geworden! Jene Papiere sind mein rechtmässiges Eigentum.“ Bei diesem Schatze lag zugleich ein Testament, das ihn im Fall des Ablebens seines Vaters zum Erben des Grossvaters ernennt.“ Jetzt kauf' ich unser Haus in der Langgasse zurück, und in dem Prunksaal soll wieder wie in früheren Zeiten das Bild des Grossvaters hängen. Mit meinem braven Vater kann ich nun freilich den Reichtum nicht teilen, wohl aber mit dir, du wackres Mütterlein, das Gott erkoren hatte, so lange meinen Schatz zu hüten. Komm mit mir, du sollst bei Jürge Braun gute Tage haben.“

So geschah es auch. Mutter Else zog zu Jürge Braun, den man nun, wie einstmals seinen Grossvater, nur den reichen Braun nannte, und sie führte ihm die Wirtschaft.

Jürge Braun hat aber auch sonst Wort gehalten, denn Else hatte bei ihm fürwahr gute Tage. Er sorgte für sie wie für seine Mutter, und betrachtete sich stets als ihren grössten Schuldner.

2. Translate into French *or* German :—

The castle was surrounded by a high wall, which was guarded day and night by hundreds of soldiers. Opposite my window was a great gate, which, however, no one ever opened. It remained shut. But I could see the corner of a street which led to the river. How often I wished that I was not a Queen, imprisoned in this strong castle, surrounded by people whom I hated. I longed to open that great gate and go out, alone, poorly dressed, without my crown, and meet the Prince, who would be waiting for me by the river, and go away with him in a ship beyond the ocean to some island where we might live in peace, or to some beautiful country where no one would find me.

DUTCH.

PROFESSOR WATERHOUSE.

1. Translate into English :—

Vroeg aan den dag werden de pikkers gewekt door overdanig gerammel en gerucht op het boerenhof met veel hanengeschreeuw en peerdengetrappel en geroep van knechten en meiden. De klaarte viel door 't open deurraam en buiten zagen zij de groote zon die opstak en glinsterde boven 't land. Zij moesten eene zeis gaan halen in de schuur en dan naar 't klaverland, heel de bende. De boer leidde hen achter den wal, bij een uitgestrekte vlakke zee van wiegende groen, bedauwpereld in rijke weligheid. Dat moesten zij afmaaien. Zij lieten eerst nog een stonde hun oogen gaan over de wijdte, bezagen elkaar en monkelden weltevreden om den schoonen arbeid waaraan ze beginnen zouden. — Dan onderzochten zij het alm, gingen op gelijken afstand in reken staan, en in die landelijke morgenstilte dreelden zij vlijtig den wetsteen over 't wreede staal dat 't scherregerrend kletsvijlde over heel de streek.

2. Translate into Dutch :—

We rode into the yard of the inn—a large place, seeming larger in the dusk—so tired that we could scarcely slip from our saddles. Jean, our servant, took the four horses, and led them across to the stables, the poor beasts hanging their heads, and following meekly. We stood a moment stamping our feet, and stretching our legs. The place seemed in a bustle, the clatter of pans and dishes proceeding from the windows over the entrance, with a glow of light and the sound of feet hurrying in the passages. There were men too, half-a-dozen or so standing at the doors of the stables, while others leaned from the windows. One or two lanthorns just kindled glimmered here and there in the semi-darkness; and in a corner two smiths were shoeing a horse.

ENGLISH COMPOSITION.

MR. ALTON.

1. Bosworth Field in *Richard III.*
2. The personality of Richard III.
3. The national element in Humour.
4. The social side of literary life in the eighteenth century.

JUNIOR SOPHISTERS.

MATHEMATICAL PHYSICS.

MR. H. THRIFT.

1. Prove that the algebraic sum of the moments of two forces, whose lines of action meet in a point, round any point in their plane is equal to the moment of their resultant round the same point.

2. A bicycle weighing 2 stone has the centres of its wheels 4 feet apart and its centre of gravity 18 inches in front of the centre of the back wheel. If the centre of gravity of a rider whose weight is 12 stone is 1 foot in front of the centre of the back wheel, find the pressures on the ground of the two wheels.

3. A mass of 18 ounces on a smooth inclined plane inclined to the horizontal at an angle of 30° is connected by a light cord passing over a pulley at the top of the plane to a scale-pan of mass 7 ounces which hangs vertically. If a mass of 5 ounces is placed in the pan, determine the pressure of the mass on the pan during the ensuing motion.

4. A hammer of mass 2 lbs. is used to drive a nail of mass 1 ounce into a board, and the hammer when it strikes the nail has a velocity of 11 feet per second. If each blow drives the nail quarter of an inch into the board, find the resistance against which the nail moves, both hammer and nail being treated as inelastic.

5. A cyclist is riding at a uniform speed of $5\frac{1}{2}$ miles per hour up an incline which ascends 1 foot vertically in each 50 feet of its length. If the mass of the bicycle and rider is 15 stone, and if the resistance due to friction, &c., is equal to the weight of 3·3 lbs., find the power exerted by the rider in ft.-lbs. per sec.

6. What volume of wood of specific gravity ·5 must be attached to a mass of 500 grammes of iron of specific gravity 7 in order that the whole may just float in water?

7. A common hydrometer with a uniformly graduated stem sinks to the mark 0 in water and to the mark 40 in a liquid of specific gravity ·8. What is the specific gravity of a liquid in which it sinks to the mark 16?

8. What weight of air enters or leaves a room whose volume is 8,990 cubic feet when the barometer falls from 29·5 to 28·5 inches of mercury and at the same time the temperature falls from 37° C. to 27° C., given that a cubic foot of air at a pressure of 30 inches of mercury and a temperature 0° C. weighs 1·25 ounces.

9. If d and d' are the distances of a luminous point and its image from the principal focus of a spherical mirror whose focal length is f, prove that $dd' = f^2$.

10. Two lenses, one convex of focal length 3 inches, and the other concave of focal length 22 inches, are placed so that their axes are in the same straight line, and their distance apart is 5 inches.

Light diverges from a point O 2 inches from the convex lens on the side remote from the concave one, and after passing through the two lenses is brought to a focus at a point O'. Find the position of O'.

ASTRONOMY.

MR. FRASER.

1. State the peculiarities of the Earth's motion in space on which depend the following facts:—

(*a*) The direction of the 'North Polar Star' is approximately fixed.

(*b*) The direction of the 'First point of Aries' is approximately fixed.

(*c*) The 'Obliquity of the Ecliptic' is approximately fixed.

2. State clearly how astronomers can determine a fair approximation to the value of 'the coefficient of refraction.'

3. Write down the two periods of time which are fixed in connexion with the Earth's motion through space.

Hence explain the terms 'Sidereal Day,' 'Solar Day,' 'Mean Solar Day,' 'Sidereal Year,' 'Tropical Year,' 'Civil Year.' Explain why the 'Gregorian correction' to the Julian Calendar became necessary.

4. Write down in symbols the 'Universal Law of Gravitation.'

Assuming that the mean paths of the centres of the planets round the Sun are circles, prove Kepler's third law.

5. What is the astronomical unit of length? and explain how astronomers can obtain it approximately, and also express the distance of the Moon from the Earth in terms of it.

6. Write a note on the various methods which may be adopted for finding the longitude at sea.

7. State the period of time which astronomers can observe in connexion with the Moon's motion through space.

What period of time can be calculated approximately? Give the calculation.

8. What is meant by 'periodic comets'? Write notes on the two principal ones.

LOGIC.

MR. MACRAN.

1. 'Colligation is not always induction, but induction is always colligation.' Explain.

2. What is the fundamental principle of Induction? Does this principle supply an explanation of the inductive process? If not, in what sense is it called a fundamental principle?

3. Is invariable sequence synonymous with causation?
Is a cause necessarily antecedent in time to its effect?

4. Can observation without experiment prove causation? Explain and illustrate your answer.

5. Point out the main resemblance and the main distinction between the Method of Agreement and the Method of Difference. The latter is free from a defect characteristic of the former?

6. Explain the three constituent parts of the Deductive Method.

7. Distinguish between analogy and complete induction. What is the chief use of analogy?

8. What does Bacon mean by 'anticipations'? What is their proper sphere?

9. What examples does Bacon give of the Idols of the Tribe?

10. Bacon says of a certain 'method of discovery and proof' that it is 'the parent of error and the curse of science.' What is the method?

LATIN.

MR. GODFREY.

[Candidates should attempt either the Unprescribed Passage or the Composition.]

[A.]

Unprescribed Passage.

Translate:—

Ad Eleusinem transgresso flumen, qui locus quattuor milia ab Alexandrea abest, legati Romani occurrerunt. Quos cum advenientes salutasset, dextramque Popillio porrigeret, tabulas ei Popillius senatus consultum scriptum habentes tradit, atque omnium primum id legere iubet. Quibus perlectis, cum se consideraturum adhibitis amicis, quid faciendum sibi esset dixisset, Popillius pro cetera asperitate animi, virga quam in manu gerebat, circumscripsit regem; ac 'Priusquam hoc circulo excedas,' inquit, 'redde responsum, senatui quod referam.' Obstupefactus tam violento imperio parumper cum haesitasset, 'Faciam,' inquit, 'quod censet senatus.' Tum demum Popillius dextram regi tamquam socio atque amico porrexit.—Livy.

For Latin Prose.

However men may differ as to Napoleon's character, there can be no doubt that he acquired a wonderful influence over his soldiers, so that when he led them to battle there was not a man who was not ready to

risk his life for him. They did this, although it was evident that he for his part never tried to spare the lives of his men, but was resolved to crush the enemy, however great the losses on his own side might be.

[B.]

Translate:—

Vicit digna viro sententia. Noverat ille
Luxuriam imperii veterem noctesque Neronis
Iam medias aliamque famem, quum pulmo Falerno
Arderet. Nulli maior fuit usus edendi
Tempestate mea. Circeis nata forent an
Lucrinum ad saxum Rutupinove edita fundo
Ostrea, callebat primo deprendere morsu;
Et semel aspecti litus dicebat echini.
Surgitur, et misso proceres exire iubentur
Concilio, quos Albanam dux magnus in arcem
Traxerat attonitos et festinare coactos,
Tamquam de Cattis aliquid torrisque Sygambris
Dicturus, tamquam et diversis partibus orbis
Anxia praecipiti venisset epistola pinna.—JUVENAL.

1. Parse and give the meanings of:—lanistae, pulpita, ambitiosa, venalibus, sarraco, siluros, cacoethes, lodice, stemmata, sufflamine, ergustula, ciconia, phrenesis, casulis.

2. Set forth Juvenal's political views.

GREEK.

SIR R. W. TATE.

Translate:—

καὶ γὰρ οὗτος ἅπασι τούτοις οἷς ἄν τις μέγαν αὐτὸν ἡγήσαιτο, τοῖς πολέμοις καὶ ταῖς στρατείαις, ἔτ' ἐπισφαλεστέραν ἢ ὑπῆρχε φύσει τὴν ἀρχὴν κατεσκεύακεν ἑαυτῷ. μὴ γὰρ οἴεσθε, ὦ ἄνδρες Ἀθηναῖοι, τοῖς αὐτοῖς Φίλιππόν τε χαίρειν καὶ τοὺς ἀρχομένους, ἀλλ' ὃ μὲν δόξης ἐπιθυμεῖ καὶ τοῦτο ἐζήλωκε, καὶ προῄρηται πράττων καὶ κινδυνεύων, ἂν συμβῇ τι, παθεῖν, τὴν τοῦ διαπράξασθαι ταῦτα ἃ μηδεὶς πώποτε ἄλλος Μακεδόνων βασιλεὺς δόξαν ἀντὶ τοῦ ζῆν ἀσφαλῶς ᾑρημένος· τοῖς δὲ τῆς μὲν φιλοτιμίας τῆς ἀπὸ τούτων οὐ μέτεστι, κοπτόμενοι δὲ ἀεὶ ταῖς στρατείαις ταύταις ταῖς ἄνω κάτω λυποῦνται καὶ συνεχῶς ταλαιπωροῦσιν οὔτ' ἐπὶ τοῖς ἔργοις οὔτ' ἐπὶ τοῖς αὐτῶν ἰδίοις ἐώμενοι διατρίβειν, οὔθ' ὅσ' ἂν πορίσωσιν οὕτως ὅπως ἂν δύνωνται, ταῦτ' ἔχοντες διαθέσθαι κεκλειμένων τῶν ἐμπορίων τῶν ἐν τῇ χώρᾳ διὰ τὸν πόλεμον. οἱ μὲν οὖν πολλοὶ Μακεδόνων πῶς ἔχουσι Φιλίππῳ, ἐκ τούτων ἄν τις σκέψαιτο οὐ χαλεπῶς· οἱ δὲ δὴ περὶ αὐτὸν ὄντες ξένοι καὶ πεζέταιροι δόξαν μὲν ἔχουσιν ὡς εἰσὶ θαυμαστοὶ καὶ συγκεκροτημένοι τὰ τοῦ πολέμου, ὡς δ' ἐγὼ τῶν ἐν αὐτῇ τῇ χώρᾳ γεγενημένων τινὸς ἤκουον, ἀνδρὸς οὐδαμῶς οἷόν τε ψεύδεσθαι, οὐδένων εἰσὶ βελτίους.—DEMOSTHENES.

1. Parse—*ὑπῆρχε, προῄρηται, πορίσωσιν, διαθέσθαι, σκέψαιτο, συγκεκροτημένοι.*

2. Give the date of the First Philippic Oration, with a brief sketch of Philip's doings during the year in which that speech was delivered.

FRENCH.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Le français est la seule langue du monde où l'on soit toujours sûr de ne pas dire exactement le contraire de ce qu'on dit, elle a des finesses ravissantes, et d'abord bien utiles, des espèces de quart de ton que l'ancien grec lui envierait. La place de la moindre épithète, soit avant ou après le substantif qu'elle qualifie, en change curieusement la valeur et la signification même. M. Camille Saint-Saëns s'est à maintes reprises irrité contre les écrivains qui mettent avant l'adjectif que depuis des siècles nous avons accoutumé de mettre après, et réciproquement. Il a écrit à ce sujet plusieurs lettres.

M. de Moro-Giafferi a prononcé l'autre jour une phrase qui montre à merveille l'importance de la place occupée par l'adjectif, avant ou après le nom, et qui figurera certainement dans les grammaires de l'avenir. 'Un faux témoignage, s'est-il écrié (je n'y étais pas, mais je suppose qu'il s'est écrié), un faux témoignage est un témoignage faux!' Le plaisant est que les jurisconsultes nient cet axiome. Il paraît qu'un témoignage n'est pas nécessairement faux témoignage parce qu'il est faux, et que l'on exige de plus la mauvaise foi ou l'intention de nuire. Voyez comme nous sommes pris nous-mêmes aux finesses de notre parler français! Si elles échappent quelquefois aux étrangers les plus instruits, nous ne devons pas trop nous étonner ni leur en vouloir. Nous n'avons le droit de nous formaliser que s'ils ne se déclarent pas incompétents et s'ils jugent le français d'une façon trop sommaire, comme on assure que cela leur arrive dans les occasions.

2. Translate into French :—

In a famous passage of the third chapter of Gibbon's *Decline and Fall* that prince of historians tells us that if he were asked to fix the period in the history of the world during which the human race was most happy and prosperous, he would without hesitation name the age of the Antonines, from the death of Domitian to the accession of Commodus. It was an age that profoundly impressed Comte and influenced that great thinker's scheme of government—his doctrine that the rulers of mankind, the heads of states, should choose and name their successors in office in conformity with the beneficent practice of the emperors of the Antonine period. The old theory of despotism and decay has been no longer tenable since the publication of Mommsen's masterly and epoch-making researches on the nature of the later Roman Empire. In his volume on the provinces of the Empire Mommsen has proved that that period, so far from being a period of decay, was one of civic progress and advancement in the arts of peace. For on the heels of the conqueror from Italy came the Roman builder, the Roman road-maker, the merchant, the banker, the schoolmaster, and, above all, the Roman administrator—that wonderful civil servant—with his imperturbable devotion to duty; his patient tolerance; his knowledge of men and things; his wise and cautious regard for native traditions beliefs, and customs.

CHEMISTRY.

DR. YOUNG.

1. Write the formulae of the two chief oxides of sulphur. Describe their characteristic properties, and state how each oxide may be prepared.

2. Calculate the volume of carbon dioxide, measured at 15° C. and 740 mm., formed by the complete combustion of 7 grams of ethylene.

[C = 12 ; O = 16.]

3. Carbon and silicon are closely related elements. Illustrate the relationship by reference to their physical and chemical properties.

4. Describe and explain the changes that occur when nitric acid is added to metallic copper and water in a flask provided with a delivery tube. What would be the composition of the gas collected over water (*a*) immediately after, (*b*) some time after the addition of the acid?

5. What are the chief sources of phosphorus? How may the element be prepared? Write the formulæ and describe the properties of the chief oxides and oxyacids of phosphorus.

BOTANY.

PROFESSOR H. H. DIXON.

1. What elements do plants require in their nutrition?

2. What is chlorophyll? What is its use?

3. What is meant by root-pressure?

4. Describe what will happen to a plant from which a ring of tissue reaching to the cambium has been stripped off.

5. What do you mean by respiration?

ZOOLOGY.

PROFESSOR MACKINTOSH.

1. Describe any Protozoan.

2. In how many ways does *Hydra* multiply? Explain briefly.

3. Represent by a referenced diagram a cross-section taken through the middle of the body of an Earthworm.

4. Describe the circulation in an Insect.

5. Describe the organs of mastication of a Cockroach in order from before backwards.

HISTORY.

MR. BASTABLE.

[FIVE *questions to be selected.*]

1. Sketch briefly the course of the 'Counter-Reformation.' Note in particular the part taken in it by (*a*) the Jesuits, (*b*) Philip II.

2. 'The preliminaries of the Thirty Years' War.' What were these? Show the influence on the fortunes of the war exercised by (*a*) Gustavus Adolphus, (*b*) Tilly, (*c*) Wallenstein.

3. Give a clear account of the constitution of the French monarchy under Louis XIV. What were the chief defects of his policy?

4. Indicate the more important steps by which the Prussian State increased during the period between the Treaty of Westphalia and the beginning of the French Revolution.

5. Compare the political map of Europe in 1814 with that in 1914.

6. 'The revolution of 1848 aimed to do more than the French Revolution of 1789.' Explain and illustrate this statement.

7. Give a short account of Napoleon's Italian campaigns.

8. Estimate shortly the effect of the development of means of transport on the history of Europe in the nineteenth century.

ENGLISH COMPOSITION.

DR. LUCE.

[Choose *one* subject.]

1. Travel, as a part of education.

2. 'The most important chapter in Walpole's policy.'

SENIOR SOPHISTERS AND SUPPLEMENTAL DEGREE EXAMINATION.

MATHEMATICAL PHYSICS.

MR. W. E. THRIFT.

1. Explain the meaning of the terms 'coefficient of friction,' 'limiting friction,' 'angle of friction,' and prove that the inclination of an inclined plane, on which a body is just about to slide down, is equal to the angle of friction for the two surfaces in contact.

2. Four forces, 4 lbs., 5 lbs., 6 lbs., and 7 lbs., respectively, act on a body along lines AB, BC, CD, DA, where $ABCD$ is a square of 3″ side. Find the magnitude and line of action of the single force equivalent to the four.

3. A rough inclined plane makes with the horizontal an angle whose sine is $\frac{5}{13}$, and the coefficient of friction is $\frac{1}{4}$. A mass of 6 lbs., resting on the plane, is connected, by a string passing over a pulley at the top of the plane, with a mass of 4 lbs. hanging freely.

Find whether the 6 lbs. mass will move up or down the plane and the distance it will move in 5 seconds.

4. A body is thrown in a direction, inclined at 30° to the horizontal, with a velocity of 50 feet per second: find its position after 3 seconds.

5. Two inelastic bodies of 8 lbs. and 12 lbs. mass are moving towards one another with velocities of 15 feet and 6 feet per second respectively. Find their common velocity after the impact and the kinetic energy lost.

6. A cylindrical diving-bell, 12 feet high, is lowered into water. What will be the depth of the top of the bell below the surface of the water, when the water has risen 4 feet in the bell, the weight of the water barometer being 34 feet?

If a cubic foot of water weighs $62\frac{1}{2}$ lbs., calculate the pressure of the air in the bell when it is at this depth.

7. A Nicholson hydrometer sinks to the standard mark in water (a) when a certain body is placed on the top pan along with a weight of $\frac{3}{4}$ oz., (b) when this body is placed on the bottom pan and a weight of 3 ozs. in the top pan, (c) when a weight of $4\frac{1}{2}$ ozs. is placed on the top pan.

Find the specific gravity of the body.

8. Prove that the deviation of a ray of light passing nearly perpendicularly through a thin prism is constant.

9. A rod 3″ long is placed 2″ in front of a concave mirror of 12″ radius. Find the position and size of the image that is formed of the object.

10. Describe the compound microscope, and explain how to calculate the magnification given by it.

ASTRONOMY.

MR. FRY.

1. What evidence shows that the Moon's atmosphere, if any exists, is extremely rare?

2. How is it inferred that some thirty-six elements certainly exist in the Sun?

3. What are the Leonids, the Andromedes, and the Perseids, and why are they so called?

4. It is believed that Algol and a dark companion revolve about each other. How is this supported by spectroscopic observations? How can their actual diameters in miles be obtained?

5. By observation of the apparent zenith distances of two circumpolar stars show how to obtain the coefficient of refraction, the latitude of the place, and the declinations of the stars.

6. Describe the light received from the Sun at the North Pole during a year, taking account of refraction and twilight.

7. Knowing the time between two conjunctions, the time since the last conjunction, and the angular distance of a planet from the Sun, show how to find the ratio of the distance of the planet and the Earth from the Sun, assuming that they move in circular orbits.

8. Prove that the annual parallax of a star varies as the sine of the angular distance of the star from the Sun.

9. Find the apparent diameter of a circular region round the Sun, such that if the Moon enters that region, there is an eclipse of the Sun visible at some point on the Earth.

10. Find the mean time at a place, whose longitude is 7^h E, when the sidereal time is 20^h, given that the sidereal time at the previous mean noon at Greenwich was 5^h, and that a sidereal day contains $23^h\ 56^m\ 4^s$ of mean time.

LATIN.

MR. JOHNSTON.

[A.]

[All Candidates should attempt either the Unprescribed Passage or the Latin Composition.]

Unprescribed Passage.

Translate:—

Principio sociis edicit, signa sequantur,
Atque animos aptent armis, pugnaeque parent se.
Iamque in conspectu Teucros habet et sua castra,
Stans celsa in puppi: clipeum quum deinde sinistra
Extulit ardentem. Clamorem ad sidera tollunt

Dardanidae e muris; spes addita suscitat iras;
Tela manu iaciunt. Quales sub nubibus atris
Strymoniae dant signa grues, atque aethera tranant
Cum sonitu, fugiuntque notos clamore secundo.
Ab Rutulo regi ducibusque ea mira videri
Ausoniis; donec versas ad littora puppes
Respiciunt, totumque allabi classibus aequor.
Ardet apex capiti, cristisque a vertice flamma
Funditur, et vastas umbo vomit aereus ignes.

(*For Latin Composition.*)

The triumph of Camillus, after the fall of Veii, was disliked by the Romans, because he showed too much pride. Amongst other things he was accused of making himself equal to the gods, because he had entered the city in a chariot drawn by four white horses, which were sacred to Jupiter and the Sun. He also made the soldiers still more angry, because he ordered them to return part of the spoils taken at Veii, that he might offer them to the god Apollo. Finally he was accused of having hidden some treasures which he ought to have given up to the people, and was obliged to go into exile.

[B.]

(*For Senior Sophisters.*)

Translate:—

Nec minus ex imbri soles et aperta serena
Prospicere et certis poteris cognoscere signis:
Nam neque tum stellis acies obtunsa videtur,
Nec fratris radiis obnoxia surgere Luna,
Tenuia nec lanae per caelum vellera ferri;
Non tepidum ad solem pennas in litore pandunt
Dilectae Thetidi alcyones, non ore solutos
Immundi meminere sues iactare maniplos.
At nebulae magis ima petunt campoque recumbunt,
Solis et occasum servans de culmine summo
Nequiquam seros exercet noctua cantus.
Apparet liquido sublimis in aëre Nisus,
Et pro purpureo, poenas dat Scylla capillo:
Quacumque illa levem fugiens secat aethera pennis,
Ecce inimicus atrox magno stridore per auras
Insequitur Nisus; qua se fert Nisus ad auras,
Illa levem fugiens raptim secat aethera pennis.
Tum liquidas corvi presso ter gutture voces
Aut quater ingeminant, et saepe cubilibus altis
Nescio qua praeter solitum dulcedine laeti
Inter se in foliis strepitant: iuvat imbribus actis
Progeniem parvam dulcisque revisere nidos.

VIRGIL.

1. What is the context of 'stat fortuna domus'?

2. Translate and comment on :—

(*a*) Tunsum gallae admiscere saporem.

(*b*) Saxosusque sonans Hypanis.

(*c*) Spiculaque exacuunt rostris.

(*d*) Alter erit maculis auro squalentibus ardens.

(*For Degree Supplementalists.*)

Translate :—

Nil admirari prope res est una, Numici,
Solaque, quae possit facere et servare beatum.
Hunc solem et stellas et decedentia certis
Tempora momentis sunt qui formidine nulla
Imbuti spectent ; quid censes munera terrae,
Quid maris extremos Arabas ditantis et Indos,
Ludicra quid, plausus et amici dona Quiritis,
Quo spectanda modo, quo sensu credis et ore ?
Qui timet his adversa, fere miratur eodem,
Quo cupiens pacto ; pavor est utrobique molestus,
Improvisa simul species exterret utrumque.
Gaudeat an doleat, cupiat metuatne, quid ad rem,
Si, quidquid vidit melius periusve sua spe,
Defixis oculis animoque et corpore torpet ?
Insani sapiens nomen ferat, aequus iniqui,
Ultra quam satis est virtutem si petat ipsam.
I nunc, argentum et marmor vetus aeraque et artes
Suspice, cum gemmis Tyrios mirare colores ;
Gaude, quod spectant oculi te mille loquentem ;
Gnavus mane forum et vespertinus pete tectum,
Ne plus frumenti dotalibus emetat agris
Mutus et, indignum, quod sit peioribus ortus,
Hic tibi sit potius quam tu mirabilis illi.
Quidquid sub terra est, in apricum proferet aetas ;
Defodiet condetque nitentia. Quum bene notum
Porticus Agrippae et via te conspexerit Appi,
Ire tamen restat, Numa quo devenit et Ancus.

HORACE.

1. Translate and comment on :—

(*a*) Nec tamen ignorat quid distent aera lupinis.

(*b*) Tu recte vivis si curas esse quod audis.

(*c*) Non cuivis homini contingit adire Corinthum.

(*d*) Graecia capta ferum victorem cepit et artis
Intulit agresti Latio.

2. How does Horace refer to Ennius?

GREEK.

SIR R. W. TATE.

(For Senior Sophisters.)

Translate: —

αἱ μὲν οὖν αἰτίαι, δι' ἃς οὐκ εἴασεν ἐνδοῦναι Λακεδαιμονίοις τὸν δῆμον, αὗται λέγονται, τὸ δ' ἀληθὲς ἄδηλον. οἱ δὲ Λακεδαιμόνιοι γιγνώσκοντες ὡς ἐκείνου καταλυθέντος εἰς πάντα μαλακωτέροις χρήσονται τοῖς Ἀθηναίοις ἐκέλευον αὐτοὺς τὸ ἄγος ἐλαύνειν τὸ Κυλώνειον, ᾧ τὸ μητρόθεν γένος τοῦ Περικλέους ἔνοχον ἦν, ὡς Θουκυδίδης ἱστόρηκεν. ἡ δὲ πεῖρα περιέστη τοῖς πέμψασιν εἰς τοὐναντίον· ἀντὶ γὰρ ὑποψίας καὶ διαβολῆς ὁ Περικλῆς ἔτι μείζονα πίστιν ἔσχε καὶ τιμὴν παρὰ τοῖς πολίταις, ὡς μάλιστα μισούντων καὶ φοβουμένων ἐκεῖνον τῶν πολεμίων. διὸ καὶ πρὶν ἐμβαλεῖν εἰς τὴν Ἀττικὴν τὸν Ἀρχίδαμον ἔχοντα τοὺς Πελοποννησίους προεῖπε τοῖς Ἀθηναίοις, ἂν ἄρα τἆλλα δῇῶν ὁ Ἀρχίδαμος ἀπέχηται τῶν ἐκείνου διὰ τὴν ξενίαν τὴν οὖσαν αὐτοῖς ἢ διαβολῆς τοῖς ἐχθροῖς ἐνδιδοὺς ἀφορμάς, ὅτι τῇ πόλει καὶ τὴν χώραν καὶ τὰς ἐπαύλεις ἐπιδίδωσιν.—PLUTARCH.

1. Parse *εἴασεν, καταλυθέντος, περιέστη, ἐμβαλεῖν, ἀπέχηται.*

2. Explain the allusion in *τὸ ἄγος ἐλαύνειν τὸ Κυλώνειον.*

3. Explain the peculiarity in the use of the pronoun *ἐκείνου* in the phrase *ἀπέχηται τῶν ἐκείνου.*

(For Degree Candidates.)

Translate:—

ἆρ' οὖν, ἦν δ' ἐγώ, καὶ σοὶ φαίνεται τέλος ἡμῖν ἔχειν ὁ περὶ μουσικῆς λόγος; οἳ γοῦν δεῖ τελευτᾶν, τετελεύτηκε· δεῖ δέ που τελευτᾶν τῷ μουσικὰ εἰς τὰ τοῦ καλοῦ ἐρωτικά. ξύμφημι, ἦ δ' ὅς.

μετὰ δὴ μουσικὴν γυμναστικῇ θρεπτέοι οἱ νεανίαι. τί μήν; Δεῖ μὲν δὴ καὶ ταύτῃ ἀκριβῶς τρέφεσθαι ἐκ παίδων διὰ βίου. ἔχει δέ πως, ὡς ἐγῷμαι, ὧδε· σκόπει δὲ καὶ σύ. ἐμοὶ μὲν γὰρ οὐ φαίνεται, ὃ ἂν χρηστὸν ᾖ σῶμα, τοῦτο τῇ αὑτοῦ ἀρετῇ ψυχὴν ἀγαθὴν ποιεῖν, ἀλλὰ τοὐναντίον ψυχὴ ἀγαθὴ τῇ αὑτῆς ἀρετῇ σῶμα παρέχειν ὡς οἷόν τε βέλτιστον· σοὶ δὲ πῶς φαίνεται; καὶ ἐμοί, ἔφη, οὕτως. οὐκοῦν εἰ τὴν διάνοιαν ἱκανῶς θεραπεύσαντες παραδοῖμεν αὐτῇ τὰ περὶ τὸ σῶμα ἀκριβολογεῖσθαι, ἡμεῖς δὲ ὅσον τοὺς τύπους ὑφηγησαίμεθα, ἵνα μὴ μακρολογῶμεν, ὀρθῶς ἂν ποιοῖμεν; πάνυ μὲν οὖν. μέθης μὲν δὴ εἴπομεν ὅτι ἀφεκτέον αὐτοῖς· παντὶ γάρ που μᾶλλον ἐγχωρεῖ ἢ φύλακι μεθυσθέντι μὴ εἰδέναι ὅπου γῆς ἐστίν. γελοῖον γάρ, ἦ δ' ὅς, τόν γε φύλακα φύλακος δεῖσθαι. τί δὲ δὴ σίτων πέρι; ἀθληταὶ μὲν γὰρ οἱ ἄνδρες τοῦ μεγίστου ἀγῶνος. ἢ οὐχί; ναί. ἆρ' οὖν ἡ τῶνδε τῶν ἀσκητῶν ἕξις προσήκουσ' ἂν εἴη τούτοις; Ἴσως. ἀλλ', ἦν δ' ἐγώ, ὑπνώδης αὖτη γέ τις καὶ σφαλερὰ πρὸς ὑγίειαν. ἢ οὐχ ὁρᾷς ὅτι καθεύδουσί τε τὸν βίον καί, ἐὰν σμικρὰ ἐκβῶσι τῆς τεταγμένης διαίτης, μεγάλα καὶ σφόδρα νοσοῦσιν οὗτοι οἱ ἀσκηταί; ὁρῶ.

1. Parse *τετελεύτηκε, σκόπει, παραδοῖμεν, εἰδέναι, ἐκβῶσι.*

2. Explain accurately the essential difference insisted upon by Plato between the upbringing and training of physicians and that of jurors.

3. What harmonies would Plato retain, and why?

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either,—

La plupart de nos grands poètes sont nés en terre d'oïl. Est-ce à dire que le Midi ne peut produire que des fleurs, des avocats, des ministres et des cigales? Il faut en chercher le cause dans l'irrésistible enchantement que verse aux rêveurs la langue romane elle-même, que est le plus suave, le plus coloré et le plus mélodieux des idiomes. Les grands poètes qu'enfante la belle terre d'oc sont avant tout des traditionnalistes. A l'exemple de Mistral ils s'enracinent dans leur patrie qu'ils aiment et ils la chantent. La langue de Racine est moins belle pour eux que celle qui les a bercés avec le lait maternel. La langue romane a un charme que l'autre n'a pas. C'est par excellence la langue des mignardises amoureuses. Aucune n'a plus de câlinerie dans la phrase, plus de naïveté et d'abandon. Quoi d'étonnant, dès lors, à ce que les poètes méridionaux ne veuillent exprimer leur pensée que dans cette langue d'élection? Ils savent qu'ils se condamnent ainsi à n'être lu que par une élite. Leur renommée dépasse rarement les limites de leur province.

Or,—

Während in Frankreich die Königsmacht anfangs schwach war und die grossen Vasallen alles bedeuteten, sehen wir hier das Königtum nach und nach und sehr langsam, aber stetig erstarken, im Laufe des Jahrhunderte einen seiner Gegner nach dem andern niederwerfen und zu unbedingter Unterordnung unter die Krone zwingen und schliesslich zu ganz absoluter Gewalt gelangen, die kein anderes Gesetz mehr duldet als das persönliche Belieben des Herrschers. In Deutschland dagegen finden wir anfangs, nachdem das Reich von neuem sicher begründet ist, gewaltige, glanzvolle Regenden, die grosse Aufgaben glücklich vollbringen und jeden Widerspruch gegen ihren Willen zu unterdrücken verstehen, dann zwar auch kraftige, aber in ihrem Ringen mit den Vasallen der Krone minder erfolgreiche Könige, endlich Herrscher, denen man grosse persnliche Tüchtigkeit nicht absprechen kann, in deren Handen aber die Königsmacht zerrinnt, während die grossen Vasallen, die Territorialherren mehr und mehr die Gewalt an sich reiseen, bis schliesslich das Reich als solches zum wesenlosen Schemen wird.

Translate into French *or* German :—

As I was walking in the streets about a fortnight ago, I saw an ordinary fellow carrying a cage full of little birds upon his shoulder; and, as I was wondering with myself what use he would put them to, he was met very luckily by an acquaintance, who had the same curiosity. Upon his asking him what he had upon his shoulder, he told him that he had been buying sparrows for the opera. 'Sparrows for the opera,' says his friend, licking his lips, 'what, are they to be roasted?' 'No, no,' says the other, 'they are to enter towards the end of the first act, and to fly about the stage.'

PSYCHOLOGY.

DR. LUCE.

1. Sketch Höffding's defence of a 'psychology without mind.' Express your own opinion on the question.

2. Prove that human mind is wider than human consciousness.

3. Discuss the interaction of mind and body.

4. Do all ideas originate in sensations?

5. Examine the legitimacy of the phrase 'physical pain.'

6. Is the human will free?

ETHICS.

MR. ROGERS.

[A.]

For Senior Sophisters.

1. Write a note on (*a*) Positive Morality, (*b*) Goodness and Utility, (*c*) the meaning of Free-will.

2. Expound Plato's theory of Justice (*a*) in the State, and (*b*) in the individual.

3. Describe Aristotle's theory of Virtue, and its relation to Well-Being.

4. Explain and illustrate the Stoic ethical division of actions.

5. Compare and contrast the Cynic and Epicurean ethics.

[B.]

For Degree Candidates. *Any* FOUR *of the following, with any* TWO *of the preceding.*

6. In what sense is it true, according to Butler, and in what sense false, that Virtue consists in following Nature?

7. Describe the main features of Kant's theory of Duty, and of its relation to Happiness.

8. Distinguish between the different forms of Hedonism.
What is the 'paradox of Hedonism'?

9. How does Spencer try to prove that good actions and pleasant actions tend to coincide?

10. Expound MacKenzie's theory of the Moral Ideal.

ZOOLOGY.

PROFESSOR MACKINTOSH.

1. Represent by a referenced diagram a cross-section of *anodonta* taken so as to pass through the heart.

2. Compare and contrast the nervous system of any Invertebrate with that of any Vertebrate.

3. Describe the skeleton of the fore limb of any Vertebrate.

4. What is a tissue? How may a tissue be formed?

5. Explain the terms 'homoplasy,' 'analogy,' 'homology.'

POLITICAL AND ECONOMIC SCIENCE.

MR. BASTABLE.

[A.]

[*For Senior Sophisters only.*]

1. State carefully Mill's argument in favour of a Second Chamber. How would he reform the House of Lords?

2. How does Mill criticize the existing mode of legislation in England? Give your own estimate of the merits of his plan for reforming it.

3. Give the principal regulations of the Bank Act of 1844. What is meant by an elastic limit to note issues?

[B.]

[*For all Candidates.*]

4. Explain the following terms:—'Mint par'; 'unfavourable exchange'; 'seignorage'; 'invisible export': 'direct tax.'

5. By what different methods may commodities be taxed? Note the objections to the taxation of necessary commodities.

6. Is a monarchical federation possible? Use your answer to bring out the essentials of federalism.

[C.]

[*For Degree Candidates only.*]

7. Show clearly the importance of the Ministry as the body having the initiative in legislation. Note any developments of recent years.

8. Compare the methods of procedure of the British House of Commons with those of the French Chamber of Deputies.

9. What questions have to be answered in a theory of the quantitative distribution of incomes? How is income related to capital?

EDUCATION.

MR. HENRY.

[Answer *four* questions. 1–6 are for Senior Sophisters; 6–13 for Degree Candidates.]

1. 'The Jesuit method was highly efficient, but the curriculum soon became antiquated.' Explain and discuss.

2. How far is it true to say that Montaigne ignores instrinsic values?

3. Account for the great influence of 'Emile' upon subsequent educational development.

4. How, according to Welton, does the necessity arise for the transition from the scientific to the philosophical world-view?

5. Illustrate fully the function of 'graphic hypotheses.'

6. How does Adams use an example of the education of a criminal to upset the doctrine of formal discipline? Is his reasoning valid?

7. Describe the experiments made by Pestalozzi, noting the objects aimed at and the degree of success achieved in each.

8. To what extent have the sociological theories of the nineteenth century affected practical training for citizenship?

9. Show the relation between the Fellenberg schools and the modern trade continuation school.

10. How does Spencer show that (*a*) formal and intrinsic values coincide, (*b*) neglect of science is irreligion?

11. Analyze the function of the concept in enabling us (*a*) to recall, (*b*) to condense past experience.

12. Explain the importance attached by Bagley and Montessori respectively to the cultivation of the motor sense.

13. Sketch, following Newman, the peculiar uses and limitations of a purely literary training.

ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an essay on *one* of the following subjects:—

(*For Degree Candidates.*)

(*a*) The motives, character, and conduct of Cassius and Antony.
(*b*) India's future in the light of India's past.

(*For Senior Sophisters.*)

(*a*) The popular hero and the true hero.
(*b*) The felicity of a citizen of Utopia.

SPECIAL DEGREE EXAMINATION.

MATHEMATICAL PHYSICS.

DR. FEARON.

1. Taking the diameter of the earth as 7,927 miles, what is the velocity in foot-second units of a man standing at the equator (in consequence of the daily revolution of the earth about its axis)?

2. Describe Atwood's machine. What may it be used to determine? Find the acceleration and tension of the strings for weights of 24 oz. and 20 oz.

3. At what rate can a steam roller of 7-horse-power and weight 1 ton roll a path, the resistance due to friction being equal to the weight of the roller?

4. What are the requisites of a good balance? Describe the method known as 'double weighing.'

5. What is meant by 'pressure at a point'? How may it be shown to be the same in all directions for a fluid at rest?

6. How are hydrometers used for the measurement of the densities of liquids? What are the differences between Nicholson's hydrometer and the common hydrometer?

7. When the barometer reads 32 inches, what is the atmospheric pressure over the roof of a house, the surface area of the roof being 400 sq. ft.? [Sp. gr. of mercury, 13·65.]

8. How is the image of an object formed on the retina of the eye? What are the commonest defects in the optical mechanism of the eye? Explain by diagrams how they are corrected.

9. Describe the opera glass. What are the optical principles? What are the advantages and disadvantages of this form of apparatus?

10. Write a note on the diving bell. What conditions limit its employment?

ASTRONOMY.

MR. FRASER.

1. Explain how astronomers can determine a fair approximation to the mean distance (*a*) of the Moon from the Earth, (*b*) of the Earth from the Sun.

2. Give a clear explanation of the fact that an observer on the Earth thinks that the planets appear to move in different directions in space at different times.

3. State the two things on which the brightness of a planet depends.

(*a*) When is a superior planet brightest?

4. Write a short note on the Transit Instrument.

5. Write a short note on a method for finding out the chemical constituents of the heavenly bodies.

6. State some facts which are known about the sun-spots.

7. Find an approximation to the correction which must be made to the apparent 'zenith distance' in order to get the true zenith distance, on account of an error due to refraction.

(*a*) Show that the Sun ought (as it does) to appear oval-shaped when near the horizon, according to your theory.

8. Show how to find the mean solar time at a place when the sidereal time is known.

9. Show that generally the morning and the afternoon differ at a given place on the Earth's surface. State the difference.

10. Write a short account of the 'physical' nature of comets.

LATIN.

MR. CANNING.

[Candidates must attempt *either* the Composition or the Unprescribed Passage.]

[A.]

Translate:—

Celso gaudere et bene rem gerere Albinovano
Musa rogata refer, comiti scribaeque Neronis.
Si quaeret quid agam, dic multa et pulchra minantem
Vivere nec recte nec suaviter; haud quia grando
Contuderit vitis oleamque momorderit aestus,
Nec quia longinquis armentum aegrotet in agris;
Sed quia mente minus validus quam corpore toto
Nil audire velim, nil discere, quod levet aegrum;
Fidis offendar medicis, irascar amicis,
Cur me funesto properent arcere veterno;
Quae nocuere sequar, fugiam quae profore credam;
Romae Tibur amem ventosus, Tibure Romam.
Post haec ut valeat, quo pacto rem gerat et se,
Ut placeat iuveni percontare, utque cohorti.
Si dicet 'recte,' primum gaudere, subinde
Praeceptum auriculis hoc instillare memento:
Ut tu fortunam, sic nos te, Celse, feremus.

HORACE.

1. Parse (giving the principal parts and marking the doubtful quantities): gaudere, quaeret, vivere, contuderit, momorderit.

2. Give the dates of Horace's birth and death, and also the names of his works.

3. Comment on the *two* uses of *ut* in above passage.

[B.]

Unprescribed Passage.

Quis furor est atram bellis arcessere mortem?
Imminet, et tacito clam venit illa pede.
Non seges est infra, non vinea culta; sed audax
Cerberus, et Stygiae navita tristis aquae.
Illic, persicisque genis, ustoque capillo,
Errat ad obscuros pallida turba lacus.
Quam potius laudandus hic est, quem prole parata
Occupat in parva pigra senecta casa!
Ipse suas sectatur oves, ut filius agnos:
Et calidam fesso comparat uxor aquam.
Sic ego sim, liceatque caput candescere canis,
Temporis et prisci facta referre senem.

[C.]

Translate into Latin:—

The legions of Armenia supported their fame in arms; but they were oppressed by the irresistible weight of the hostile multitude. The left wing of the Romans was thrown into disorder, and the field was strewed with their mangled carcases. This partial defeat was balanced, however, by partial success: and when the two armies at a late hour of the evening retreated to their respective camps, neither of them could claim the honours or the effects of a decisive victory. The real loss was more severely felt by the Romans, in proportion to the smallness of their numbers.

GREEK.

DR. GOLIGHER.

1. Translate:—

καὶ μετὰ ταῦτα χαίρειν εἰπὼν τῷ τοιούτῳ ἰατρῷ, εἰς τὴν εἰωθυῖαν δίαιταν ἐμβάς, ὑγιὴς γενόμενος ζῇ τὰ ἑαυτοῦ πράττων· ἐὰν δὲ μὴ ἱκανὸν ᾖ τὸ σῶμα ὑπενεγκεῖν, τελευτήσας πραγμάτων ἀπηλλάγη. καὶ τῷ τοιούτῳ μέν γ', ἔφη, δοκεῖ πρέπειν οὕτως ἰατρικῇ χρῆσθαι. ἆρ', ἦν δ' ἐγώ, ὅτι ἦν τι αὐτῷ ἔργον, ὃ εἰ μὴ πράττοι, οὐκ ἐλυσιτέλει ζῆν; Δῆλον, ἔφη. ὁ δὲ δὴ πλούσιος, ὡς φαμεν, οὐδὲν ἔχει τοιοῦτον ἔργον προκείμενον, οὗ ἀναγκαζομένῳ ἀπεχέσθαι ἀβίωτον. οὔκουν δὴ λέγεταί γε. Φωκυλίδου γάρ, ἦν δ' ἐγώ, οὐκ ἀκούεις, πῶς φησὶ δεῖν, ὅταν τῳ ἤδη βίος ᾖ, ἀρετὴν ἀσκεῖν. οἶμαι δέ γε, ἔφη, καὶ πρότερον. μηδέν, εἶπον, περὶ τούτου αὐτῷ μαχώμεθα, ἀλλ' ἡμᾶς αὐτοὺς διδάξωμεν, πότερον μελετητέον τοῦτο τῷ πλουσίῳ καὶ ἀβίωτον τῷ μὴ μελετῶντι, ἢ νουσοτροφία τεκτονικῇ μὲν καὶ ταῖς ἄλλαις τέχναις ἐμπόδιον τῇ προσέξει τοῦ νοῦ, τὸ δὲ Φωκυλίδου παρακέλευμα οὐδὲν ἐμποδίζει. —PLATO.

2. In what connexion does Plato refer to Herodicus, Pindar, Damon? What do you know of these persons?

3. How does Plato describe the various kinds of narrative?

4. *τόδε τοίνυν, ὦ Ἀδείμαντε, ἄθρει, πότερον μιμητικοὺς ἡμῖν δεῖ εἶναι τοὺς φύλακας ἢ οὔ.*

Reproduce the discussion.

FRENCH AND GERMAN.

PROFESSOR RUDMOSE-BROWN.

1. Translate into English :—

Either—

Le christianisme, qui s'adressait surtout au peuple, prit dans les âmes une place vide : il y fit revivre quelques-unes des plus grandes et des plus hautes aspirations de l'homme ; il offrit à l'imagination des sujets et des rêves ; il rapprit au cœur la vertu et le courage. Au milieu des temps atroces qui se préparaient, il permit aux hommes, par l'espérance d'un autre monde, de supporter celui où ils vivaient ; il allégea ce fardeau de misères et de désespoir sous lequel peut-être l'humanité aurait succombé. Au point de vue strictement historique, son plus grand résultat est d'avoir fondé entre les peuples de l'empire et leurs conquérants, sur les ruines des nationalités détruites et de l'empire romain, une solidarité universelle, sans laquelle on ne voit pas quels liens auraient rattaché ensemble les hommes dégagés de toute pensée commune. Au point de vue plus particulièrement littéraire, il apportait aux peuples qui l'embrassaient, outre une rénovation morale, des inspirations nouvelles : une poésie épique, contenue dans les récits de l'Ancien et du Nouveau Testament, dans les vies des saints et des martyrs ; une poésie lyrique, appuyée sur les louanges de Dieu, du Christ et des saints, et surtout sur l'effusion personnelle de l'âme, soit dans l'amour, soit dans la joie, soit dans la crainte et le repentir ; une poésie dramatique, en germe dans le fond même de sa doctrine et dans sa conception du monde, et déjà ébauchée dans les cérémonies de son culte.

Or—

Das im Mittelalter sehr verbreitete, im XII. Jahrhundert mehrmals ins Französische übersetzte apokryphe Nikodemus-Evangelium erzählt, dass Christus den Joseph von Arimathia zum Danke für seine Liebesdienste durch 40 Jahre im Kerker mittelst dieser Schüssel in wunderbarer Weise am Leben erhalten habe, bis er ihn endlich—man weiss nicht warum so spät—durch Aufhebung der Mauern befreite. Die Kreuzesschüssel ist also, folkloristisch gesprochen, zu einem Wunschgefäss, einer Art von Tischlein, deck dich, einem Gerät ähnlich dem Oelkrüglein der Witwe von Sarepta geworden. Ausserdem wurde dem Gral in Erinnerung einer Stelle bei Matthäus die Eigenschaft zugeschrieben, den Reinen von Sünder zu trennen. Bald fehlte es nicht an anderem mystischen Beiwerk. Der Gral erscheint in der Regel von einer blutigen Lanze begleitet, die mit jener identifiziert

wird, mit welcher Longinus den Heiland durchbohrte. Man liess den Gral in einer Zauberburg von einer Dynastie von Königen, die mit Joseph verwandt waren, hüten und ihn gelegentlich auch bei Artus' Tafelrunde erscheinen, an der ein Platz für den einst zu erwartenden letzten Gralhüter frei bleiben musste. Aus Josephs Schwager Bron, der als symbolischer Fischer, genannt wird, entwickelt sich durch ein sprachliches Missverständnis ein Sünderkönig, der an einer Sünde dahinsiecht, durch die Nähe des Grals aber vor dem Tode bewahrt wird, und den Parcival durch die Stellung einer Frage erlöst.

2. Translate into French *or* German :—

I found myself, then, in the end to have been the guest and, as far as might be, the intimate of a people in possession of some secret store of knowledge which made them not only serene and quietly happy, but even indifferent to the rubs of the world so far as they experienced them. That of itself, with the world all about them such as I knew it to have been, and had felt it to have been, was surprising enough. My own people, whom I had left behind me, were fretted to rags by six years of war and of the results of war. They were poor, and hated their poverty ; tired, and scorned themselves for feeling so ; suspicious of each other and of their neighbours ; hopeless of anything better. Who will show us any good? was their outcry ; and the best of them said it with despair ; and the worst with a cynical lift of the eyebrow. In the country and among the people of my sojourn there was the same poverty, taken as a matter of course. If they were tired there were no signs of slackening. They suspected nobody, even if he was a German. And they did not ask to be shown any good, because they could see it for themselves, and never had their eyes off it for long together.

IRISH.

PROFESSOR O'RAHILLY.

1. Translate into English :—

(*a*) Mar do connadar criothlaċ an ċuain ċóimleaṫain ina dtimċeall do lion fuaċt agus maoiḋe agus aiṫméala iad, agus ní ċugadar olc dá bfuaradar inam roimhe rin dá n-úiḋ a bfaghaḋ a bfuaradar ar an gnuṫ rin. Agus do bádar ar ṡnuṫ na Maoile nó go dtáinig gloine doininne oiḋċe áirigṫe ċuca. Adubairt Fionnġuala, "A bhráiṫre ionmuine," ar sí, "is olc an ní do nímid, oír is cinnte go ndealóċaiḋ doineann na hoiḋċe seo anoċt le ċéile rinn, agus órduigeam ionad cinnte coinne ċum a paċam, dá dtugaḋ Dia orainn sgaraḋ re ċéile." "Gabam, a ghin," ar siad, "ionad cinnte coinne ag Carraig na Rón, oír is coimeólaċ rinn uile uirre."

(*b*) Ar a haiṫle rin ṫáinic Iollann Fionn amaċ, agus ċuig trí luaṫċuarta a dtimċioll na bhuiḋne, agus do mharḃ trí ċéad laoċ amuigh, agus ṫáinic isteach mar a raiḃ Naoise agus é ag

imirt na ficéille agus Áinnle mar aon fuil. Téid Tolland amach an dara feadh, agus tuigeann siad leis an mbruidin, agus do nuig lóchann ar laraidh leis an braitée, agus do gab ag floiride na fluaig, agus nior láimhdar teadh d'ionnraige na bruidne. Agus no ba mac maith Tolland Fionn; oir nior éar neach ar dhuim domhain riamh rá ní dá mbeith aige, agus nior gab tuairgeal ó aonduine riamh acht ó Fearghus.

2. Translate into Irish:—

This morning there are no newspapers, no bread, no milk, no news. The sun is shining, and the streets are lively but discreet. All people continue to talk to one another without distinction of class, but nobody knows what any person thinks.

It is a little singular the number of people who are smiling. I fancy they were listening to the guns last night, and they are smiling this morning because the darkness is past, and because the sun is shining, and because they can move their limbs in space, and may talk without having to sink their voices to a whisper. Guns do not sound so bad in the day as they do at night, and no person can feel lonely while the sun shines.

The men are smiling, but the women laugh, and their laughter does not displease, for whatever women do in whatever circumstances appears to have a rightness of its own. It seems right that they should scream when danger to themselves is imminent, and it seems right that they should laugh when the danger only threatens others.

PSYCHOLOGY.

DR. LUCE.

[Five questions only to be attempted.]

1. Discuss the subject-matter of psychology. What methods have been employed in the science? Which method in your opinion is the proper one?

2. Is 'unconscious mind' a contradiction in terms?

3. Is the brain a storehouse of memory?

4. Prove the interdependence of thought, will, and feeling.

5. Write a psychological analysis of a concrete portion of your own experience.

6. Sketch James' theory of the emotions.

7. Höffding speaks of an evolution of thought, will, and feeling? Does he regard this evolution as anything more than a convenient system of classifying psychological facts?

ETHICS.

MR. ROGERS.

[Six questions to be attempted.]

1. Explain the terms Positive Morality, Ideal Morality, Idealism, Realism, Pessimism.

2. Describe Plato's theory of Justice (*a*) in the State, and (*b*) in the individual.

3. What is Aristotle's general definition of Well-Being, and how does he arrive at it?

4. Describe the Epicurean theory of the relation between virtue and happiness.

5. What was Cudworth's criticism of Hobbes' derivation of ideas of right and wrong?

6. What did Kant mean by a Postulate of Morality? How does he arrive at the postulate of the immortality of the soul?

7. What were the leading ideas in the Ethics of (*a*) Schopenhauer, and (*b*) Comte?

8. State Mill's proof of Utilitarianism. Give the traditional criticisms.

POLITICAL AND ECONOMIC SCIENCE.

MR. BASTABLE.

[Five *questions to be selected*: *not more than* three *to be taken from either section.*]

Section A.

1. 'Authoritative instructions, mandates issued, which the member is bound blindly and implicitly to obey, to vote and to argue for, though contrary to the clearest conviction of his judgment and conscience—these are things utterly unknown to the laws of the land.' (Burke.)
Discuss the doctrine of this passage with reference to the practice since Burke's time.

2. Compare the British Parliament and the Congress of the United States as agencies for training in practical statesmanship.

3. How do you account for the inclination of Colonial constitutionalists to exaggerate the powers of the Crown?

4. What are the fundamental conditions of the adaptation of a form of government to the people to be governed by it?

5. On what grounds does Mill conclude that 'Boards are not a fit instrument for executive business'?

SECTION B.

6. Carefully explain the meaning of the following:—
Diminishing return; marginal utility; normal value; standard money; wages fund.

7. What are the reasons for distinguishing between 'capital' and 'land' as factors of production?

8. What considerations would you take into account in giving an answer to the question, 'Are bank-notes money?'

9. Specify the chief causes of international indebtedness.
In what ways may an adverse trade balance be adjusted?

10. Mention the more important rules as to the taxation of commodities. How far have they been observed in the British tax system?

EDUCATION.

MR. HENRY.

[Answer FOUR questions; at least ONE from each section.]

[A.]

1. Illustrate by referring to Froebel and Comte the influence of philosophical theories upon education.

2. Discuss the attitude of the scientific writers of the middle of the nineteenth century to the traditional school curriculum.

3. Write short notes on (*a*) 'monitorial' systems, (*b*) the 'culture epoch' theory, (*c*) the modern eclectic tendency.

4. Give an account of higher education at any period with which you are acquainted.

[B.]

5. Describe the peculiar difficulties met with in training subnormal or defective children.

6. How far is the 'suggestion' employed in teaching akin to hypnotic suggestion?

7. Why is 'organization' the most important factor of efficient recall?

8. Compare the views of Newman and Spencer on the relation between religious, scientific, and literary education.

ENGLISH COMPOSITION.

MR. R. M. GWYNN.

Write an Essay on *one* of the following subjects:—

1. Reflections on the Conference of Colonial Premiers.
2. Dangers, external and internal, of our position in India.
3. Self-respect as the clue to the character of Brutus.
4. Scenes in the tent of Brutus.

INDEX.

[*Figures marked thus* (7*) *refer to the first portion of the* CALENDAR.]

Page

Aberdeen, University of . . 80
Accountant 44*
Adelaide University . . . 81
Agriculture, School of . . 318
——— Degree in . . 13
Alice Oldham Memorial Prize 194, 364
Allahabad University . . . 81
Almanac 12*
Ambulance Certificate, . . 309
Anæsthetics, Lecturer in . . 40*
Anatomist, University . . 39*
Anatomy and Chirurgery, Professor of 38*
Anatomy, Chief Demonstrator in 38*
——— Department of . . 255
——— Lectures in . . . 254
——— Museum of . . . 287
——— Honor Certificates in 286
——— Moderatorship Course in 128
Anatomy and Institutes of Medicine, Scholarship in 282
——— Dr. Henry Hutchinson Stewart Scholarship in 283
Ancient History (see *History*).
Anglo-Saxon, Lecturer in . 35*
Anthropometric Laboratory . 288
Applied Chemistry, Professor of 33*
Appointments Association, University 332
Arabic, Professor of . . . 34*
——— Prizes in . . 190, 423
Archbishop King's Professor . 36*
——— ——— Divinity Prizes 228, 423
Army School 313
Arts, Degrees in 6
—— Course in 29
—— Course of Medical and Dental Students . . . 278
—— Undergraduate Course in 39
—— Lectures in 41, 46, 52, 59, 147
—— Details of Ordinary Course in 48
—— Honors and Prizes in . 68

Page

Arts, Honor Courses in . . 86
Assistance given without Examination to deserving Students 207
Assistant to the Registrar of University Electors . . 44*
Astronomer Royal of Ireland 32*
Astronomical Observatory . 339
Astronomy Lectures . . . 151
——— Public Lectures in . 151
Auditor 27*, 42*
——— External 42*
Avary Exhibitions 206

Bachelors in Arts . . . 6, 498
——— in Science, . . 7, 445
——— in Divinity . 10, 448
——— in Laws . 11, 246, 450
——— in Medicine 12, 263, 455
——— in Surgery 12, 263, 455
——— in Obstetric Science 12, 263, 455
——— in Dental Science 12, 277, 460
——— in Engineering 12, 299, 461
——— in Agriculture 13, 319, 462
——— in Music 13
——— in Divinity, Examinations for 374
Bacteriology, Lectures in . . 257
Bedell Scholarships . 232, 424
Begley Studentships . 286, 428
Belfast, University of . . . 80
Bell of Trinity College . . 343
Belshaw Scholarships . . . 239
Benefactors 467
Berkeley's (Bishop) Gold Medals 174, 417
Biblical Greek, Professor of . 37*
——— ——— Lectures in . 224
——— ——— Prizes in 169, 231, 364
Biblical Scholarships, Wall . 167
Biggs Memorial Prize . 204, 364
Biological Association . . . 52*

Page

Birmingham, University of . 80
Blake Scholarship . . 183, 421
Board, The 2
—— —— Representatives of Junior Fellows on . . . 28*
—— —— Representatives of Professors on 28*
Bombay University 81
Booksellers 44*, 69
Botanic Gardens 288
Botanical Laboratory . . . 345
Botany, Professor of . . . 33*
—— Entrance Prizes in . 34
—— Lectures and Demonstrations in . . 147, 149, 257
—— Ordinary Course in 59, 66
—— Honor Course in . . 104
—— Moderatorship Course in 125, 127
—— New Laboratory of . 345
Briggs Exhibition 206
Bristol, University of . . . 80
Brooke Prizes . . . 163, 412
Buildings of Trinity College . 341
Butcher Exhibitions . . . 236

Calcutta University . . . 81
Cambridge, Admission of Students from 79
—— Admission of Graduates from (*ad eundem Gradum*) 16
Campanile 342
Cape Town, University of . 82
Caput, University 2
Carson Biblical Prize . 229, 425
—— Memorial Exhibition . 238
Catechetical Lectures and Course 47, 72
—— Premiums 72, 354, 359, 363
—— Certificates . . 72
Catechists 27*, 37*
Celtic Languages, Honor Course in 120
—— —— Moderatorship in 142
—— —— Lecturer in 35*
Chaldee and Syriac, Examination in and Prizes in 190, 224, 423
Chambers in College . . . 24

Page

Chancellor, The 27*
—— —— Election of . . 2
Chapel of Trinity College . . 342
Chapel, Hours of Service in 11*, 25
—— Attendance in . . . 25
Charges, College 20
Charles Wilkins Memorial Prize 173, 364
Chemistry, Professor of . . 33*
—— Entrance Prizes in . 33
—— Lectures in 101, 147, 148, 254
—— Laboratory Instruction in, for Moderatorship Candidates 148
—— Fees for Laboratory Instruction in 148, 149, 52
—— for Sophisters . . 52
—— for Medical Students 254, 256
—— for Dental Students 272
—— for Engineering Students 302
—— Ordinary Course in 58, 65
—— Honor Course in . 97
—— Moderatorship Course in 124, 126
Chief Steward 44*
Choir 44*
Choral Society 55*
Christian Movement, Student 60*
Church Music, Instruction in 225
—— Musical Association . 58*
—— Formularies Prize . 231
Civil Law (see *Law*).
—— —— and General Jurisprudence, Lecturer in . 38*
Civil Service of India 310, 311, 406
Clanbrassil Exhibition . . 206
Classical Composition, Lecturer in 34*
Classical Society 56*
Classics, Lectures in . 147, 148
—— Sizarships in . . 35
—— Honor Course in . 91
—— Scholarships in . . 156
—— Moderatorships in . 121
—— Prizes in . . 174, 417
Clerk of the Works, . . . 44*
Climatological Station, Normal 340
Cluff Memorial Prize . 183 421

Page

College, Trinity, Officers of . 27*
Colonial Universities, Recognition of Arts Studies of . 81
Colonies, Admission to Degrees of Persons resident in 16
Commencements, . . . 5
——— days of . 10*
——— held in the year 1920–21. 397
Commerce, School of . . 324
Committee of Medical School 42*
Committees of Schools . . 45*
Commons of Resident Students 26
——— of Non-Residents 26, 46
Comparative Anatomy, Professor of 33*
——— Grammar, Lectures in 148
Composition, Vice-Chancellor's Prizes in 175, 187
——— Entrance Prizes in 31
——— Divinity Prizes in 218, 221, 230
——— Term Prizes in 68, 353, 358, 363
Conferring of Degrees . . . 4
Constitutional Law (see *Law*).
Corrections 26
Council, University 3
——— Members of . . . 47*
——— Days of Meeting of 47*
——— Divinity School . . 48*
Course in Arts 29
——— for Entrance . . . 30
——— Details of Undergraduate 39, 48
——— Honor 87
——— in Catecheticals . . 72
Criminal Law (see *Law*).
Crowe Exhibitions 205
Curator of the Museum . . 43*

Daniel John Cunningham Medal and Prize . 285, 427
Daunt Memorial Exhibitions 237
Days of Examination . . . 1*
Degrees, Mode of conferring 4
——— Exercises required for 6
——— *ad eundem* 16
——— *in absentia* 16
——— Fees payable for . 17

Page

Degrees, Testimoniums of . 17
——— Days for conferring 10*
——— conferred in the year 1920–21 397
——— in Divinity . . . 10, 11
——— in Medicine and Surgery 263
——— in Law 246
——— in Dental Science . 277
——— in Engineering . . . 299
——— in Agriculture . 13, 319
Degree Examination . . 60, 63
——— Examination, Classes at 60
——— Examinations . . . 368
——— Professional privileges at 61
Dental Mechanics, Lecturer in 40*
Dental Science, Degrees in . 277
——— ——— School of . . 271
——— ——— Lecturers in . 39*
Dental Students, Arts Course of 278
Dental Surgery and Dental Pathology, Lecturer in . 39*
Dermatology, Hon. Professor of 40*
Dining Hall 342
Diploma 5
Diplomas in Electrical Engineering 300
——— in Public Health 270, 452
——— in Gynaecology and Obstetrics 270, 453
——— in Education 322, 9*, 396
——— in Agriculture . . 319
——— in Economics and Commercial Knowledge 324, 9*, 396
——— for Women in Religious Knowledge . . . 329
Director of the Gardens . . 43*
Dissections 255
Divine Service, Hours of 11*, 25
——— ——— Attendance on 25
Divinity, Regius Professor of 36*
——— ——— Assistants to 36*
——— Archbishop King's Professor of 36*
——— Degrees in . . 10–11
——— Lectures in . . . 217
——— Prizes in subjects connected with . . 167, 415

Page
Divinity Testimoniums 225, 373, 446
——— Composition Premiums . 218, 221, 230, 372
——— School 215
——— ——— Council . . 48*
——— ——— Days of Examination in 240
——— ——— Admission to 216
——— ——— Prizes in 226, 372, 424
Doctors in Divinity . 11, 449
——— in Laws . . 11, 248, 449
——— in Literature . . 9, 445
——— in Medicine . 12, 269, 453
——— in Music 14
——— in Philosophy . . . 8
——— in Science . . . 9, 444
Dr. Henry Hutchinson Stewart Scholarships 187, 283, 422, 427
Dompierre-Chaufepié Prize . 193, 364
Donegal Lecturer in Mathematics 32*
Donnellan Lecturer . . . 151
Downes Divinity Premiums 230, 372
——— Exhibitions . . 205
Dun's, Sir Patrick, Hospital 289
Dunbar Ingram Memorial Prize 184, 421
Duties of Resident Students . 24

Ecclesiastical History, Professor of 37*
——— ——— Lectures in 151, 225
——— ——— Prizes in 169, 232, 364
Economics and Commercial Knowledge, Diplomas in 324, 9*, 396
Edinburgh, University of . 80
Edge Exhibitions, ... 318
Education, Diplomas in 322, 9*, 396
——— Professor of . . . 41*
——— Lecturer in . . . 41*
Edward Hallaran Bennett Medal and Prize . 282, 426
Ekenhead Scholarship . . 180

Page
Election of Professors . . . 3
Electors, University . 18, 510
Electric Traction, Lecturer in 40*
Electrical Engineering, Lectures on 302, 306
——— ——— Lecturer in . 40*
Elizabeth, Charter of . . . 1
Elizabethan Society . . . 57*
Elrington Theological Prize 168, 415
Engineering, Professor of . 40*
——— ——— Lecturer in Mechanical 41*
——— ——— Degrees in . 12, 299
——— ——— School of . . . 295
——— ——— ——— Honors in 300, 428
——— ——— ——— Staff of . 295
——— ——— ——— Examinations in 395
——— ——— ——— Class Lists of 393
——— ——— Entrance Examination for School of . . . 296
——— ——— Examination, days of 309
——— ——— Fees, ... 300
——— ——— Licenses in . . 299
——— ——— Certificates of, complete Course in . . . 299
——— ——— Science, Moderatorship in 142
——— ——— Students' Arts Privileges . . . 52, 54, 61
——— ——— Lecturer in . . 41*
——— ——— Lectures in . . 297
——— ——— Examinations in 298
——— ——— Special Certificates in 300, 428
——— ——— Models, Museum of 308
——— ——— Students' Society 54*
English Bible, Lecturer in the 37*
——— ——— Lectures in . 216
English, Prizes in 187
——— Old and Middle, Prize in 187
——— Composition, Term Prizes in 68
English Literature, Entrance Prizes in 31

Page
English Literature, Professor of 35*
——— ——— Lectures in 150
——— ——— Honor Course in 110
——— ——— Moderatorship Course in 134
Entrance 29
——— Days of Examination for 1*-6*
——— Course for 30
——— Prizes . 2*, 3*, *5, 6*, 7*, 31, 346
——— Exhibitions . . . 195
——— High Places at 30, 346
——— Certificates . . . 30
Entrances, 1920–21 494
Erasmus Smith Exhibitions 199, 205
Ethics (see *Mental and Moral Philosophy*).
Examination Papers (see *Papers*).
Examinations, Days of . . 1*
——— hours of 10*, 46
Exhibitions, Junior and Senior 195
——— awarded to Students from South Africa . 84
——— without Special Examination 205
——— awarded to Scholars 154
Experimental Philosophy, Museum of 308
Experimental Physics, Laboratory of 345
Experimental Science, Professor of 32*
Experimental Science Association 53*
——— Lectures in 52, 60, 147, 148, 254, 272, 302
——— Entrance Prizes in 31
——— Ordinary Course in 56, 64
——— Honor Course in 96
——— Post-graduate instruction in 149
——— Scholarships in 156
——— Moderatorship Course in 124, 127
Page
Experimental Science, Sizarships in 35
Fees for Entrance 20
—— Half-yearly . . . 20, 21
—— payment of, by prize money 69
—— for Degrees 17
—— for Degrees *ad eundem* . 16
—— for Testimoniums . . 17
—— for Laboratory Instruction in Chemistry 52, 148, 150
—— for Laboratory Instruction in Experimental Physics for Graduates . . . 149
—— paid by Members of Senate 23
—— —— by Scholars . . . 154
—— —— by Medical Students 263
—— —— by Divinity Students 221
—— —— by Engineering Students 300
—— —— by Army Candidates for Final Freshman Examination, ... 44
Fellows, Names of . . 27*, 469
Fellow-Commoners . . . 19, 29
Fellowship, Election to, . . 152
——— Examination, Premiums at 165, 415
Ferrar Memorial Prize 176, 420
Ferguson Memorial Prize . 191
Feudal and English Law (see *Law*).
Filius Nobilis 19, 29
Final Freshman Examination, Classes at 51
Final Freshman Examinations, ... 365
Fines, Imposition of . . . 26
——— for tardy notice, 45, 292
——— for tardy payment 21, 195, 264, 301
FitzGerald Memorial Scholarship and Medal . . 181, 421
Fitzpatrick Scholarship in Medicine 382, 426
Foreign countries, Admission to Degrees of persons resident in 16
Forestry, School of . . . 321

Page
Forster, Bishop, Divinity Premiums 229, 424
Frederick Purser Graduates Fund 207
——— ——— Undergraduates Fund 208
French, Lectures in . 148, 149
——— Entrance Prizes in . 31
——— Composition Prizes in 68
——— Honor Course in 111, 114
——— Moderatorship Course in 133
——— Old, and Provençal, Prizes in 192, 423
Front of Trinity College . . 342

Gardens, Botanic 288
General Answering, Jellett Prizes for 164
Geology and Mineralogy, Professor of 33*
——— Entrance Prizes in 34
——— Lectures and Demonstrations in 148, 149, 303
——— Prizes in . . 303, 430
——— Ordinary Course in . 66
——— Honor Course in . 105
——— Moderatorship Course in 125
——— Museum of . . . 308
German, Professor of . . . 35*
——— Lectures in . . 148, 149
——— Entrance Prizes in . 31
——— Composition Prizes in 68
——— Honor Course in 112, 115
——— Moderatorship Course in 135
Glasgow, University of . . 80
Government of Dublin University 1
Gowns, when worn . . 11*, 3
Grace at Commons . . 154
Graces for Degrees 3, 5
Graduates in Honors at the Degree Examination . . 431
Graduates' Memorial . . . 344
Grammar, Comparative, Lectures in 148
Greek, Regius Professor of 34*
——— Lectures in . . 147, 148
——— Entrance Prizes in . 31
——— Honor Course in . . 92

Page
Greek, Moderatorship Course in 12
——— Prizes in 17
——— Biblical (see *Biblical Greek*).
Griffith Exhibition 20
Gynaecology and Obstetrics, Diploma in 27

Harbour Engineering, Hon. Professor of 41
Haslett Memorial Scholarship 204, 36
Hebrew, Professor of . . . 34*
——— Lecturers in . . . 34*
——— Lectures in . . 150, 22
——— Entrance Prizes in . 3
——— Sizarships in . . . 3
——— Prizes in 190, 224, 36
——— Examination in, for Divinity Students . . . 22
Herbarium 28
Hindustani, Prizes in . 190, 42
Historical Society 49*
——— Auditors of . . . 40
History, Ancient, Professor of 36*
——— ——— Lectures in . 14
——— ——— Honor Course in 9
——— ——— Moderatorship Course in 122, 13
——— ——— Prizes in 186, 36
History and Political Science, Scholarship in 15
History, Ecclesiastical (*see* Ecclesiastical History).
History, English, Entrance Prizes in 3
History, Modern, Lectures in 14
——— ——— Lecky Professor of 36*
——— ——— Erasmus Smith's Professor of 36*
——— ——— Lecturer in . 36*
History, Honor Course in . . 10
——— Moderatorship Course in 13
——— Prizes in . . 183, 42
——— National, Scholarship in 18
Honorary Degrees. 44
Honor Lecturers . . 29*, 3
——— Examiners 28*

Page
Honor Examinations, . 68, 349, 358
—— Lectures, 41, 47, 147, 148
—— Courses 86
—— —— Mathematics 87
—— —— Classics . . 91
—— ——, Mental and Moral Philosophy . . 94
—— —— Experimental Science 96
—— —— Natural Science 104
—— —— History . . 107
—— —— Modern Literature 110
—— —— Legal and Political Science, . . . 117
—— —— Celtic Languages 120
Honors and Prizes, Regulations respecting 2*, 3*, 5*, 6*, 68, 70, 41, 47
Hospital, Attendance for Medical Students 266
Hospitals recognized by Trinity College 290
Hours of Examination . .10*; 46
Hygiene, Lectures in . . . 258

Indian and Home Civil Service School 310, 311, 41, 53, 61, 406
Indian History, Reader in . 41*
Indian Law, Reader in, . . 237
Indian Universities, Recognition of Arts Studies of . . 81
Institutes of Medicine, Professor of 39*
Intermediate Education . . 29
International Law (see *Law*).
Irish, Professor of 35*
—— Entrance Prizes in . . 31
—— Honor Course in Old and Middle 120
—— Moderatorships in . . 142
—— Lectures in 150
—— Sizarships 35
—— Society Scholarship . 203
—— Prizes in . . . 191, 364
—— Prizes in, for Divinity Students 232, 234

Page
Italian, Lecturer in, . . . 35*
—— Ordinary Course in . 67
—— Honor Course in 113, 115
—— Moderatorship Course in 137
Iveagh, The Earl of . 27*, 345

James Patrick Kidd Scholarships 205, 407
Jellett Prizes for General Answering . . . 164, 423
John Banks Medal and Prize 262, 426
John Mallet Purser Medal 286, 427
Junior Bursar 28*
Junior Exhibitions . . 195, 407
Junior Freshman Year, keeping of 43, 48
Junior Freshman Year, Course for 48
—— Proctor 28*, 5
—— Sophister Year, keeping of 44, 52
—— —— Course for 54
Jurisprudence, Medical, Lecturer in 39*
Jurisprudence, Lectures in (see *Law*).

Kidd Scholarship . . 202, 407
King Edward Prize . . 163, 414
King, Robert, Memorial Prize in Ecclesiastical History . 232
King's, Archbishop, Divinity Prizes 228, 424
——, Professor . . 36*
——, Assistants to . 36*
King's College, Windsor, Nova Scotia 81
Kingsmill Jones Memorial Prize 286
King's Professors 39*
Kyle Irish Prize . . . 234, 425

Laboratory instruction for Moderatorship Candidates 148
Laboratory instruction for Sophister Students in Arts 52, 60
Languages, Lecturer in . . 35*
Laryngology and Otology, Professor of, ... 40*

Page

Latin, Professor of 34*
—— Lectures in . . 147, 148
—— Entrance Prizes in . . 31
—— Honor Course in . . 91
—— Moderatorship Course in 121
—— Prizes in 174
Law Agent 44*
—— Feudal and English, Regius Professor of . 38*, 243
—— Civil and General Jurisprudence, Lecturer in 38*, 313
—— Moderatorship Course in 140
—— Prizes in . . . 244, 425
—— Degrees in . . . 11, 246
—— Lectures in 242
—— Days of Ex. in . . . 251
—— School of 242
—— Examinations in . . . 375
Laws, Regius Professor of 37*, 242
Law's, Bishop, Mathematical Prizes 171, 416
Lecky Library 338
Lecky Professor of Modern History 36*
Lecture Committee, . . . 42*
Lectures, Tutors'. . . . 4, 147
———— in Arts, Ordinary and Honor 41, 46, 50, 52, 61, 147
———— for Moderatorship Candidates 148
———— Miscellaneous . . 149
———— Public 151
———— Premiums for Composition at 68
———— Catechetical . . 47, 72
Lecturers, Honor . . . 29*, 4
———— in School of Dental Science 39*
———— Continuation of list of, in Supplemental Volume 463
Leeds, University of . . . 80
Legal and Political Science, Honor Course in 117
———— ———— Moderatorship Course in . . 140
Lending Library 338
Librarian 42*
Library of Trinity College 333, 341
———— Hours 333
———— Presentations to . . 337
———— Number of vols. in . 338

Page

Library, Lending 338
Licenses in Engineering 299, 462
———— in Medicine, . 263, 460
———— in Dental Science . 460
Literature, English (see *English*).
———— Doctors in 9
———— Lectures in, . . . 149
———— Dr. Henry Hutchinson Stewart Scholarship in 187
———— Modern, Honor Course in 110
———— ———— Moderatorships in 133
Littledale Prize . . . 189, 422
Liturgy, Premium for Reading 230, 372
———— Instruction in reading 225
Liverpool, University of . . 80
Lloyd Exhibitions . . 170, 416
Logics and Ethics (see *Mental and Moral Philosophy*).
London, University of . . 80

M'Cullagh Prize . . 172, 416
M'Gill University (Montreal) 81
Madden Premiums . . 165, 415
Madras University 81
Magee College, Londonderry 80
Manchester, University of . 80
Marshall Porter Memorial Prize 178, 364
Masters in Arts 6
———— in Surgery . 12, 268, 454
———— in Obstetric Science 12, 268, 454
———— in Engineering 13, 300, 441
———— in Dental Science 12, 277, 460
Materia Medica, Lectures in . 258
———— ———— Professor of 39*
———— ———— Museum of 287
Mathematics, Professor of . 32*
———— Lecturers in . 33*
———— Lectures in 147, 148
———— Sizarships in . 35
———— Honor Course in 87
———— Scholarships in . 156
———— Moderatorship Course in 121
———— Prizes in . . . 170

Page
Matriculation (see *Entrance*).
——— for Students in School of Physic 253
Mechanical Engineering, Lecturer in 41*
Mechanical Engineering, Laboratory of 307
Medals at Moderatorship Examinations 70
——— Berkeley 174
——— Vice-Chancellor's Latin 175
Medical Examinations . . 359
——— Days of 292
——— Course, ... 259
——— Jurisprudence, Lecturer in 39*
——— ——— Lectures in 260
——— Scholarships . 282, 427
——— Schools recognized by Trinity College 290
——— School Committee . 42*
——— School Buildings . . 343
——— Students, Arts Course 278
——— Students not on the Books in Arts 492
——— Travelling Prize . 281, 426
Medicine and Surgery, School of (see *Physic*).
Medicine, Degrees in . 12, 258, 263*
———, License in . . . 263
——— Institutes of, Professor of 39*
——— Practice of, Professor of 39*
——— ——— Lectures in 255
Melbourne University . . . 81
——— ——— Exhibition awarded to Graduates of . 85
Mental and Moral Philosophy—
Honor Course in . . . 94
Moderatorship Course in 122
Scholarship in, . . . 161
Prizes in . . . 179, 420
Lectures in . . 147, 148
Mental Diseases, Dr. Henry Hutchinson Stewart Scholarship in 187, 283
Mental Disease 284

Page
Metaphysics (see *Mental and Moral Philosophy*).
Michael Roberts Prize 172, 416
Midwifery, Degrees in . . 258
——— Professor of . . 39*
——— License in . . 258
——— Lectures in . . 255
——— Practical . . . 267
Minchin Prize 194
Mineralogy (see *Geology and Mineralogy*).
Moderators 431
Moderatorship Prizes, . 163, 413
Moderatorships, Regulations respecting 46, 70
——— ——— Examiners for 30*
——— ——— Days of Ex. for 1*–6*
——— ——— Mathematics . 121
——— ——— Classics . . . 121
——— ——— Mental and Moral Philosophy . . . 122
——— ——— Experimental Science 124
——— ——— Natural Science 125
——— ——— History and Political Science 130
——— ——— Modern Literature 133
——— ——— Legal and Political Science 140
——— ——— Engineering Science 142
——— ——— Celtic Languages 142
——— ——— Oriental Languages, ... 143
——— ——— Lectures for Candidates for 148
Modern East Indian Languages, Professor of 35*
Modern History (see *History*).
Modern Literature, Honor Course in 110
Modern Languages, Sizarship in 35
——— ——— Moderatorships in 133
——— ——— Scholarships in 158
Moral Philosophy, Prof. of . 35*
——— ——— (see *Mental and Moral Philosophy*).

Page
Moveable Feasts, 1923 . . 11*
Mullins Classical Exhibition 177, 420
Museum Building 343
Museums 287, 308
Music, Professor of 41*
——— Degrees in . . . 13–16
——— Days of Ex. for . . . 9*

National History, Scholarship in 183
National University of Ireland 80
Natural Philosophy, Professor of 32*
——— ——— Museum of 308
Natural Science, Lectures and Demonstrations in 147, 149
——— ——— Entrance Prizes in 31
——— ——— Freshman Prizes in 104
——— ——— Ordinary Course in 59, 66
——— ——— Honor Course in 104
——— ——— Scholarship in 158
——— ——— Moderatorships in 125
Neophyte Debating Society 59*
New Brunswick, University of 81
New Zealand, University of . 81
Night Roll 28
Normal Climatological Station, 340
Notice of Ordinary Exams. . 45
Notice of Honor and Special Prize Exams. 69

Observatory, Astronomical . 339
Obstetric Science, Degrees in 12, 258
——— ——— License in 263
Officers' Training Corps . . 316
Officers, University and College 27*
Old and Middle English, Prize in 187, 422
Old French and Provençal, Prize in 192, 423
Old and Middle Irish . 120, 142
Operative Surgery 257
Ophthalmic Surgery . . . 267
Oratory, Professor of . . . 35*

Page
Oratory, Downes Prizes for 230
Orator, Public 41*
O'Regan Memorial Prize 231, 372
Organist, ... 44*
Oriental Languages, Lectures in 311
——— ——— Prizes in 190
——— ——— Moderatorship in 143
Orthodontia, Lecturer in, . . 40*
Oxford, Admission of Students from 79
——— Admission of Graduates from (*ad eundem Gradum*) 16

Palæontology, Lecturer in . 33*
Papers set at Examinations 48, 53
Papers, ordinary, set in the Year 1920–1921, . . . i
——— set at Entrance i, iv, xxxv lxiv, lxvii
——— ——— Final Freshman Examination xvi, xlvii, lxxxvi
——— ——— Degree xxx, lviii c, cix
——— ——— Mich. J. S. Ex. xxiii
——— ——— Mich. J. F. Ex, vii
——— ——— Hil. S. S. Ex. lviii
——— ——— Hil. J. S. Ex. liv
——— ——— Hil. S. F. Ex. xlvii
——— ——— Hil. J. F. Ex. xxxviii, lxx
——— ——— Trin. S. S. Ex. c
——— ——— Trin. J. S. Ex. xciii
——— ——— Trin. S.F. Ex. lxxxi
——— ——— Trin. J. F. Ex. lxxv
——— ——— the Special Preliminary Examination for Medical Students, . xii, xlii
Parliament, Representation of University in 18
——— Representatives in 28*, 469
Parsons Exhibition . . . 206
Pastoral Theology, Professor of 37*
——— ——— Lectures in 225
Pathology, Lecturer in . . 39*
——— Department of . . 256
——— Lectures in . 255, 257

Page

Pathology, Museum of . . . 287
——— Moderatorship Course in 129
Patna, University of . . . 81
Pensioners 19, 29
Persian, Prizes in . . 190, 423
Petrology, Lectures in . 148, 303
Pharmacy, Demonstrations in 258, 287
Philosophical Society . . . 50*
——— ——— Presidents of 405
Philosophy, Doctor in . . . 8
Physic, Regius Professor of 38*
——— School of 252
——— ——— Days of Examinations in 292
——— ——— Examinations in 377
——— ——— Lectures 254, 257
——— ——— Prizes in . 281, 426
——— ——— Staff of . . 252
Physics and Chemistry, Dr. Henry Hutchinson Stewart Scholarship in . . . 187, 283
——— ——— Scholarship in 282
Physics, Experimental (see *Experimental Science*).
——— Mathematical (see *Mathematics*).
Physiology, Department of, 255
——— Lectures in 255, 257
——— Moderatorship Course in 128
Political Economy, Professor of 36*
——— ——— Lectures in 147, 149, 150
——— ——— Honor Course in 109, 117
——— ——— Moderatorship Course in . . 131, 140
——— ——— Whately Memorial Prize in . . . 186
——— ——— Prizes in 185, 421
Political Science (see *Political Economy*).
Practice of Medicine, Professor of 39*

Page

Practice of Medicine, Lectures in 255
Presbyterian Students, Divine Service for 25
——— ——— Catechetical Course for . . . 72
Printing House 341
Privileges in Freshman years
—— of Professional Students 52, 53, 61, 278, 319
Prizes at Entrance 31
—— at Term Lectures . . 68
—— at Term Examinations 68
—— awarded at Degree . 162
—— Special 165
—— in School of Divinity . 226
—— in School of Law . . 244
—— in School of Physic . 281
—— Summary of 219
Professional Students, Privileges of . 52, 53, 61, 278, 319
Professors, how elected . . 3
——— List of 32*
——— continuation of List of in Supplemental Volume 463
Professors' Prizes in School of Physic 286
Provost, The . . . 27*, 19, 469
Provost's House 342
Public Health, Diplomas in . 270, 452
Public Lectures 151
Public Orator 41*
——— Theatre 342
Punjab, University of the . 81

Radiology, Demonstrations in 258
Rank, Order of, in the College 19
Recognition of Colonial Medical Teaching, ... 291
Registrars, ... 42*
Reid Professorship, Prizemen at Examination for . . . 426
Reid Sizarship 38
—— Professor . . . 38*, 243
Religious Knowledge, Diploma for Women in 329
Replacement on College Books 22
Residence 24
——— Houses of 28
Respondents 60, 431

Page
Robert King Memorial Prize in Ecclesiastical History 232, 372
Romance Languages, Professor of 34*
Rooms in College 24
Royal University 80
Ryan Prize 231, 424

St. Andrews, University of . 80
Salmon Fund 207
——— Exhibition 238
Sanskrit, Professor of . . . 34*
——— Lectures in . . . 150
——— Prizes in . . 190, 423
Saving year in Arts . . . 42
Scholars 19, 153, 470
——— Fees payable by . . 154
——— Keeping of Terms by 154
——— Exhibitions awarded to 154
Scholarship, Examiners for . 31*
——— in Classics . . 156
——— in Mathematics . 156
——— Mental and Moral Philosophy 161
——— in Experimental Science 156
——— non-foundation, for women, ... 155
——— in History and Political Science . . . 159
——— in Modern Languages 158
——— in Natural Science 159
——— Days of Ex. for 4*, 156
——— Medical . . . 282
School Committees . . . 45*
Schools, Medical, recognized by Trinity College . . . 290
Science, Doctors in . . 9, 444
——— Bachelors in . . 7, 445
Senate, The 2, 501
Senate, Fees payable by Members of 23
Senior Exhibitions . . 197, 410
Senior Freshman Year, keeping of 43, 50
——— ——— ——— Course for 50
Senior Master Non-regent . 5
Senior Proctor 5
Senior Sophister Year, keeping of 44, 59
——— ——— ——— Course for 62
Sheffield, University of . . 80
Sizarships 34, 347
South Africa, Terms of Admission for Students from . . 82
——— ——— Exhibitions awarded to Students from 84, 348
——— ——— Universities of 82
Span Exhibition 206
Spanish, Honor Course in . 114–117
——— Moderatorship Course in 139
——— Ordinary Course in . 67
Special Prizes 165
——— ——— Days of Ex. for 2*, 3*, 5*, 6*
Squares 344
Standing of Master 6
Stearne Exhibition 206
Stewart Scholarships, Dr. Henry Hutchinson . 187, 283,
Studentships 162, 412
Summary of Scholarships, Exhibitions, and Prizes . 210
Supplemental Examinations, Rules respecting . . . 42, 44
——— Medallists . . 70
Surgery, Regius Professor of 38*
——— Professor of . . . 38*
——— Degrees in . 12, 258
——— Lectures in . . . 255
——— Demonstrations in Operative 257
Surgical Travelling Prize 281, 426
Surplices, when worn . 11*, 25
Sydney, University of . . 81
Syriac and Chaldee, Examination and Prizes in . 190, 224

Tamil, Telugu, Burmese, Hindi, Bengali, and Marāṭhī, Reader in 41*
Tasmania, University of . . 81
Teaching Staff 4

Page
Term Lectures . . 46, 147
—— Examinations 45
—— Honors and Prizes . . 68
Terms, University 39
—— Keeping by Examination 45, 53, 62
———— by Lectures 46, 52, 61
———— Rules as to keeping of, by Undergraduates . . . 41
Testimoniums of Degrees . . 17
———— Divinity . . 223, 373, 446
Theatre, Public. 343
Theological Exhibitions 226, 424
———— Society . . . 51*
———— ———— Auditors of 405
Toplady Memorial Prize 230, 372
Toronto, University of . . 81
Townsend Memorial Prize . 173, 416
Travelling Prize, Medical . 281
———— ———— Surgical . 281
Trinity College, Present Members of 473
Trinity Hall 78
Tutors 27*, 29
Tutors' Lectures 147
Tyrrell Memorial Prize 176, 420

Universities, Recognition of Arts Studies of other . 79–84

Vaccination, Practical . . . 267
Vice-Chancellor, The 27*, 2, 469
Vice-Chancellor's Prizes 175, 187, 418
Page
Vice-Chancellor's Latin Medals 175, 417
Visitors 27*, 2
Vivâ voce at Examinations 48, 53

Waiters 150
Wales, University of . . . 80
Wall Biblical Scholarships . 165, 415
Wallace Exhibition, . . . 239
———— Divinity Lecturer . 37*
Warden of Trinity Hall . 43*
Warren Prize in Church Formularies 231, 424
Welsh, Moderatorship Course in 142
Whately Memorial Prize in Political Economy . 186, 422
William Brooke Exhibition . 235
William Roberts Prize . 177, 420
Women, Admission of, to Degrees, &c. 75, 252
Worrall Exhibitions . . . 205
Worth Exhibition 206
Wray Prize 179, 420

Yelverton Exhibition . . . 206

Zoology, Professor of . . . 33*
———— Entrance Prizes in . 33
———— Ordinary Course in 59, 66
———— Lectures in 147, 149, 257
———— Demonstrations in 148, 149
———— Honor Course in . . 104
———— Moderatorship Course in 124, 128
———— Museum of 287

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